

Meteorological Telegraphic Report for the period 4th to 10th November 1877.

STATIONS.	Date.	Hour.	Barometer reduced to 32°.	Barometer reduced to sea-level.	HYGROMETER.		Humidity Sat. = 100.	WIND.		Rain.	Clouds.	Weather initials.
					Dry.	Wet.		Direction.	Velocity.			
ALIPORE.	Nov. 4th	10	29.874	29.896	81.2	75.8	76	N by W	6.3	0.10	K, FK	c
	16		29.750	29.772	84.4	74.0	62	N by E	10.0	.....	K	c
	5th	10	29.936	29.958	80.2	79.8	98	N by W	4.3	.....	.....	b
	16		29.833	29.855	83.0	69.0	46	N W by W	6.0	.....	C	c
	6th	10	30.027	30.049	78.0	70.9	70	W by S	1.3	.....	CK	c
	16		29.924	29.946	82.4	72.0	58	W	4.2	.....	C, CK	c
	7th	10	30.068	30.090	78.2	71.0	70	W	2.8	.....	PC	o
	16		29.938	29.960	82.7	71.2	55	W by S	3.3	.....	.....	b
	8th	10	30.050	30.072	80.0	72.2	66	SW	3.0	.....	.....	b
	16		29.914	29.935	85.0	71.8	51	N by W	4.2	.....	.....	b
SAUGOR ISLAND.	9th	10	30.120	30.142	79.6	69.2	57	E by N	3.3	.....	.....	b
	16		29.997	30.019	81.7	71.3	52	N by E	0.3	.....	.....	b
	10th	10	30.113	30.135	79.0	69.4	60	N	2.0	.....	C	c
	16		29.986	30.008	83.0	70.1	49	N	7.5	.....	C	c
	Nov. 4th	10	29.871	29.877	81	77	83	N N W	8.4	.....	PK	b
	16		29.775	29.791	85	77	68	N N W	8.7	.....	CS	b, w
	5th	10	29.933	29.939	84	72	54	N E	5.5	.....	C	b, m
	16		29.836	29.842	85	71	47	N	6.4	.....	CK, C	b, m
	6th	10	30.023	30.029	81	75	74	N N W	3.0	.....	PK	b
	16		29.931	29.937	83	75	67	S W	4.2	.....	PC	b
CHITTAGONG.	7th	10	30.063	30.069	80	73	70	W N W	1.9	.....	KS	o, m
	16		29.948	29.954	84	74	60	S S W	3.7	.....	C, CK	b
	8th	10	30.041	30.047	83	76	71	W S W	4.2	.....	FK	b
	16		29.916	29.922	85	78	72	S	6.6	.....	.....	b
	9th	10	30.107	30.113	82	72	60	N E	4.7	.....	C	b, m
	16		29.988	29.994	84	72	54	N	8.9	.....	C	b, m
	10th	10	30.106	30.112	80	75	78	N N W	5.8	.....	C	b, m
	16		29.994	30.000	83	72	57	N N W	8.1	.....	C	b, m
	Nov. 4th	10	29.788	29.881	77	75	91	N E	3.1	.....	.....	o, d
	16		29.792	29.885	82	74	67	N E	2.9	.....	CS	b, m
AKYAB.	5th	10	29.932	30.025	82	72	60	N E	4.0	.....	C	b, m
	16		29.978	30.071	82	74	67	E N E	1.7	.....	KCK	b, m
	6th	10	29.968	30.061	80	71	62	CALM	1.8	.....	.....	b, m
	16		30.060	30.093	78	72	74	N N E	3.4	.....	.....	b, m
	7th	10	29.998	30.091	80	74	74	N	3.4	.....	C	b, v
	Nov. 4th	10	29.847	29.869	77	77	100	S	5.6	6.60	P	c
	16		29.924	29.946	79	77	91	E S E	3.7	.....	P	b
	5th	10	30.009	30.031	83	79	83	E	1.6	.....	CK	c
	16		30.039	30.061	83	79	83	E	1.7	.....	CK	c
	6th	10	30.059	30.081	83	79	83	E	2.1	.....	CK, P	c
CUTTACK.	10th	10	30.044	30.065	86	80	76	E	2.5	.....	C	c
	Nov. 4th	10	29.833	29.915	84	73	57	N N E	2.1	.....	C	c
	16		29.888	29.970	83	71	53	W	1.8	.....	.....	b
	5th	10	29.963	30.046	81	71	59	W N W	1.2	.....	C, CK	c
	16		29.993	30.076	81	72	62	W	0.9	.....	C, KC	b
	6th	10	29.985	30.067	84	73	57	W	1.1	.....	.....	b
	16		30.038	30.120	84	73	57	E N E	0.5	.....	C	c
	7th	10	30.035	30.117	84	73	57	N N E	0.7	.....	.....	c
	Nov. 4th	10	29.885	.....	84	75	64	N	6.3	.....	C	c
	16		29.945	.....	84	73	57	N N W	4.3	.....	.....	b
FALSE POINT.	5th	10	30.030	30.045	70	72	70	W	3.4	.....	C, CS	c
	16		30.073	30.088	78	72	74	N N W	3.3	.....	C, CS	c
	6th	10	30.048	30.063	83	73	60	W N W	3.4	.....	.....	b
	16		30.099	30.114	85	77	68	E N E	4.0	.....	C, CK	c
	7th	10	30.104	30.119	84	74	60	E N E	3.0	.....	C	b
	Nov. 4th	10	29.899	29.931	84	76	68	W	1.3	.....	.....	b
	16		29.942	29.974	83	68	43	N N W	0.9	.....	.....	b
	5th	10	30.004	30.036	81	68	48	S by E	0.9	.....	.....	b
	16		30.054	30.086	81	68	48	E by S	1.4	.....	.....	b
	6th	10	30.044	30.076	82	67	42	E by N	1.8	.....	.....	b
VIZAGAPATAN.	16		30.074	30.106	82	69	49	E by N	1.6	.....	.....	b
	7th	10	30.101	30.133	83	74	63	N N W	1.9	.....	.....	b
	Nov. 3rd	10	29.938	29.961	81	75	74	N by W	8	0.11	.....	cloudy
	16		29.860	29.883	81	76	78	E S E	4	0.01	.....	cloudy
	4th	10	29.937	29.960	83	75	67	N	3	.....	.....	c
	16		29.805	29.828	82	74	67	N E by E	5	0.01	.....	cloudy
	5th	10	29.947	29.970	83	77	75	N by W	3	.....	.....	cloudy
	16		29.853	29.876	83	77	75	N E	8	.....	.....	cloudy
	6th	10	30.020	30.043	83	70	49	N N W	8	0.06	.....	cloudy
	16		29.928	29.951	83	73	60	N E by N	8	.....	.....	c
MADRAS.	7th	10	30.040	30.063	82	77	79	E S E	9	0.03	.....	o
	16		29.929	29.952	78	75	86	N	6	.....	.....	o
	8th	10	30.050	30.073	79	76	82	N by W	8	0.55	.....	o
	16		29.922	29.945	81	75	74	N N E	11	.....	.....	o
	9th	10	30.060	30.083	75	73	90	N N W	6	2.04	.....	o
	16		29.966	29.989	77	75	91	S W	5	46	.....	o
	Nov. 4th	10	29.908	29.948	85	78	72	S W by S	4.0	.....	C	c
	16		29.918	29.958	85	78	72	S E by E	1.4	0.30	C	c
	5th	10	29.990	30.031	83	78	79	N	1.6	.....	C	c
	16		29.988	30.029	84	76	68	S E by S	2.0	0.50	C	c
COLOMBO.	6th	10	29.976	30.017	81	78	78	E	1.4	0.50	.....	o
	7th	10	29.983	30.024	84	78	75	W	2.5	0.20	C	c
	8th	10	29.976	30.017	81	77	83	N W	2.8	.....	C	c
	10th	10	29.976	30.017	81	77	83	N W	2.8	.....	C	c

* Velocity of wind in miles per hour.

JOHN ELIOT, M.A.,
Meteorological Reporter to the
Government of Bengal.CALCUTTA.
The 10th November 1877.

Results of the Meteorological Observations taken at the Alipore Observatory from
4th to 10th November 1877.

Month.	Date.	Maximum in sun.	Mean pressure; barometer at 32° Fah.	TEMPERATURE.				HYGROMETRY.				WIND.		Rain.	WEATHER.
				Mean.	Maximum.	Range.	Minimum.	Mean wet bulb.	Vapour tension.	Dew point.	Humidity.	Prevailing direction.	Miles recorded.		
1877.		⊖	Ins.	⊖	⊖	⊖	⊖	⊖	Inch.	⊖	%.			Inch.	
Nov.	4th	137.7	29.816	77.6	86.0	14.1	71.9	73.6	0.776	71.6	89	Till 11 A.M. N by W through N E & N, till midnight N.	133	Nil	Chiefly clear & w.
"	5th	137.5	.886	74.0	85.8	18.8	67.0	68.2	.611	64.7	72	N by W and N W by W.	63	"	Clear f & w.
"	6th	128.7	.969	74.7	84.0	16.8	67.2	70.4	.688	68.1	80	Chiefly west	62	"	Cloudy till after-noon w & f. Night clear.
"	7th	125.3	.994	73.9	82.6	15.1	67.5	69.5	.662	67.0	79	W and W by S	57	"	Chiefly clear & w.
"	8th	144.8	.988	75.1	85.9	19.7	66.2	70.2	.673	67.4	77	Till 3 P.M. N W through W, till midnight N by E through N.	69	"	Clear f & w.
"	9th	141.2	30.049	74.5	84.6	19.1	65.5	68.6	.620	65.0	72	Chiefly N by E and N.	103	"	Clear & w.
"	10th	139.5	.012	73.4	84.0	18.7	65.3	67.8	.608	64.5	74	Chiefly north.	96	"	Clear & w.

The mean pressure of the seven days ... 29.963
The average pressure of the corresponding period for 20 years ... 29.924

The mean temperature of the seven days ... 74.7
The average temperature of the corresponding period for 20 years ... 77.3
The extreme variation of temperature during the seven days ... 20.7
The maximum temperature during the seven days ... 86.0

The mean relative humidity during the seven days ... 77%
The average relative humidity of the corresponding period for 24 years ... 74

The total fall of rain from 4th to 10th November ... Nil.
The average fall of the corresponding period for 24 years ... 0.37
The total fall from 1st January to 10th November ... 61.11
The average fall of the corresponding period for 24 years ... 65.36

The mean pressure, temperature, &c., are deduced from observations made at 6h., 10h., 16h. and 22h.; the maximum and minimum temperatures are obtained from self-registering thermometers. All the thermometers are verified, and the readings have been corrected to a standard constructed and verified at the Kew Observatory. They are exposed under a thatched shed open at the sides, and are suspended four feet above the ground.

The barometer readings are corrected approximately to those of the standard (Newman's No. 86) formerly at the Surveyor-General's Office.

The hygrometric elements are obtained from tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modifications of August's formula.

The direction and movement of the wind are taken from the trace of a Beckley's anemograph.

The mouth of the rain-gauge is one foot above the ground.

w dew, f fog.

HENRY F. BLANFORD,
Meteorological Reporter to the Government of India.

METEOROLOGICAL OFFICE, INDIA,
The 12th November 1877.

Kendrapara Canal—continued.

Number of boats.	Nature of cargo.	APPROXIMATE		TONNAGE OF BOATS.		Ton mileage.	Tollage.	Rate of toll per ton mile.
		Weight of cargo.	Value of cargo.	Mds.	Tons.			

TRAFFIC BETWEEN CUTTACK AND SEABOARD.

(2) STORES AND MATERIALS FOR IRRIGATION WORKS.

		Mds.	Rs.				Rs. A. P.	A. P.
...	Total	...	...	...	...	...	...	...
2	Total of same month last year	...	...	754	27	1,080	10 14 0	...
	MISCELLANEOUS.							
...	Total	...	...	...	...	...	...	...
...	Total of same month last year	...	...	...	...	...	...	...

ABSTRACT—LOCAL TRAFFIC.

604	Private, including miscellaneous	73,815	4,21,190	1,35,092	4,826	1,04,540	4,800 8 11	...
38	Government stores, including miscellaneous	1,110	191	3,259	117	3,916	43 14 0	...
642	Total	74,925	4,21,381	1,38,351	4,943	1,08,456	1,844 6 11	...
91	Total of same month last year	7,320	26,239	14,365	513	11,402	129 7 4	...

TRAFFIC BETWEEN CUTTACK AND SEABOARD.

...	Private, including miscellaneous	...	...	...	...	...	...	...
...	Government stores, including miscellaneous	...	...	...	...	...	...	...
...	Total	...	...	...	...	...	...	...
204	Total of same month last year	33,322	1,94,089	57,623	2,058	82,320	839 13 0	...
642	Grand Total	74,925	4,21,381	1,38,351	4,943	1,08,456	1,844 6 11	...
295	Grant total of same month last year	40,642	2,20,328	71,988	2,571	93,722	969 4 4	...

NOTE.

							Rs. A. P.
	Unrecovered balance on the 1st of the month	...	...	...	...	...	364 11 6
	Amount of tollage for the month	...	...	...	...	...	1,844 6 11
						Total	2,209 2 5
	Amount credited in the accounts for the month...	...	...	...	...	...	2,055 4 2
	Balance at the end of the month	...	...	...	...	...	153 14 3

High Level Canal.

LENGTH OF CANAL OPEN—37 MILES.

LOCAL TRAFFIC.

(1) PRIVATE.

35	Rice	4,274	17,096	8,563	366	10,398	124 0 9	...
20	Salt	3,275	16,375	5,657	202	6,869	81 9 7	...
5	Paddy	925	1,850	1,851	66	2,001	25 14 0	...
6	Castor seeds	860	3,010	1,732	62	2,103	25 2 0	...
4	Cocoanut	250	375	593	21	729	8 6 3	...
1	Jaggery	200	1,000	303	11	368	4 8 0	...
2	Sundries	160	160	341	12	474	4 8 0	...
1	Cotton	100	1,000	292	7	245	3 0 0	...
1	Gram	100	125	208	7	253	3 0 0	...
1	Copper	119	3,570	238	9	289	3 6 0	...
3	Gallnut	20	20	75	3	91	1 2 0	...
4	Passenger boats	...	...	228	8	218	4 2 0	...
46	Empty boats	...	...	4,088	146	4,608	54 3 6	...
127	Total	10,283	44,581	24,079	860	28,577	342 14 1	0 2 3
82	Total of same month last year	10,102	43,314	19,209	686	16,353	211 8 4	0 2 4
	MISCELLANEOUS.							
...	...	...	...	NH	...	...	...	...
...	Total	...	...	...	...	...	...	...
...	Total of same month last year	...	...	...	...	...	...	...

High Level Canal—continued.

Number of boats.	Nature of cargo.	APPROXIMATE		TONNAGE OF BOATS.		Ton mileage.	Tollage.	Rate of toll per ton mi- le.
		Weight of cargo.	Value of cargo.	Mds.	Tons.			
(2) STORES AND MATERIALS FOR IRRIGATION WORKS.								
		Mds.	Rs.				Rs. A. P.	A. P.
19	Rubble stone	3,171	50	6,353	227	227	31 6 0	.....
12	Furniture	507	507	1,134	41	1,377	16 8 0	.....
1	Sundries	87	87	172	6	6	0 14 0	.....
23	Empty boats	.....	.....	4,429	158	797	22 2 0	.....
45	Total	3,825	704	12,088	432	2,407	70 14 0	0 5 6
22	Total of same month last year	1,927	136	5,315	190	2,129	42 10 0	0 3 8
MISCELLANEOUS.								
...	.....	.....	.....	Nil	.....	.....	.....	.....
...	Total	.....	.....	.....	.....	.....	.....	.....
11	Total of same month last year	.....	.....	.....	.....	.....	.....	.....

ABSTRACT.

127	Private, including miscellaneous	10,283	44,581	24,679	860	28,577	342 14 1	.....
45	Government stores, including miscellaneous	3,825	704	12,088	432	2,407	70 14 0	.....
172	Grand Total	14,108	45,285	36,767	1,292	30,984	413 12 1	.....
115	Grand total of same month last year	12,029	43,450	24,524	870	18,482	254 2 4	.....

NOTE.

Unrecovered balance on the 1st of the month	Rs. A. P.
Amount of tollage for the month	104 2 10
	413 12 1
Total	517 14 11
Amount credited in the account for the month	447 0 11
Balance at the end of the month	70 14 0

Taldunda Canal.

LENGTH OF CANAL OPEN—27 MILES.

LOCAL TRAFFIC.

(1) PRIVATE.

56	Rice	22,275	66,825	36,400	1,303	1,626	23 8 0	.....
5	Paddy	2,141	2,150	3,208	114	916	6 13 1	.....
2	Jaggery	192	960	540	19	19	0 5 4	.....
22	Rubble	7,796	244	15,983	499	499	17 7 1	.....
12	Oil	2,100	21,000	594	21	21	0 6 0	.....
1	Horns	52	520	233	8	8	0 2 4	.....
78	Empty boats ... ..	.....	.....	26,228	722	1,445	19 3 7	.....
166	Total	34,556	91,699	7 85	2,686	4,537	67 13 5	0 2 8
22	Total of same month last year	4,048	2,532	8,543	305	1,622	11 3 7	0 1 2
	MISCELLANEOUS.							
...	200 bamboos ... ..	.....	3	.....	.....	.....	0 2 8	.....
...	Demurrage of 11 boats for 43½ days ... ..	.....	.....	.....	.....	.....	14 10 10	.....
...	Total ... ..	.....	3	.....	.....	.....	14 13 6	.....
...	Total of same month last year ... ..	.....	.....	.....	.....	.....	0 1 5	.....

(2) STORES AND MATERIALS FOR IRRIGATION WORKS.

22	Rubble	10,726	376	18,553	662	1,325	14 7 9	.....
27	Empty ... ..	.....	.....	7,827	279	559	5 8 4	.....
55	Total	10,726	376	26,380	941	1,884	20 0 1	0 2 0
18	Total of same month last year	5,969	150	9,513	340	510	23 12 9	0 8 9
	MISCELLANEOUS.							
...	Total ... ..	.....	.....	.....	.....	.....	.....	.....
...	Total of same month last year ... ..	.....	.....	.....	.....	.....	.....	.....

ABSTRACT.

166	Private, including miscellaneous	34,556	91,702	75,285	2,686	4,537	82 10 11	.....
55	Government stores, including miscellaneous	10,726	376	26,380	941	1,884	20 0 1	.....
231	Grand Total	45,282	92,078	101,665	3,627	6,421	102 11 0	.....
40	Grand total of same month last year	8,017	2,682	18,056	645	2,132	35 1 9	.....

MEMORANDUM.

Unrecovered balance on the 1st of the month of September 1877	Rs. A. P.
Amount of tollage for the month of September 1877	51 10 6
Ditto debited in the accounts for September 1877	102 11 0
Balance at the end of month	154 5 6
	47 0 0

SOUTH-WESTERN CIRCLE.

Midnapore Canal.

LENGTH OF CANAL OPEN—53 MILES.

Number of boats.	Nature of cargo.	APPROXIMATE		TONNAGE OF BOATS.		Ton mileage.	Tollage.	Rate of toll per ton mile.
		Weight of cargo.	Value of cargo.	Mds.	Tons.			
LOCAL TRAFFIC.								
(1) PRIVATE.								
		Mds.	Rs.				Rs. A. P.	A. P.
17	Betel-leaves	525	2,535	1,825			13 14 9	
8	Betel-nuts	962	5,372	2,425			43 0 0	
49	Bricks and tiles, No. 1,65,650	8,666	1,630	25,550			95 1 6	
27	Brass and copper and their manufactures...	5,260	1,56,650	12,675			79 13 6	
68	Coal and coke	14,485	5,075	29,665			185 15 9	
13	Cotton, raw	940	18,450	3,220			22 5 6	
63	Cotton twist and yarn (European)	5,570	1,87,580	17,225			127 6 0	
20	Cotton piece-goods (European)	1,545	1,56,250	5,600			73 2 0	
16	Ditto ditto (Indian)	455	50,260	3,675			17 0 6	
42	Cocanuts, No. 68,250	1,504	2,067	6,350			65 14 9	
4	Curd	200	600	750			3 7 0	
27	Earthenware	2,285	737	6,150			29 15 3	
1,553	Empty boats			1,75,425			1,630 2 6	
3	Fruits and nuts of all kinds	1,250	3,325	2,100			14 14 0	
15	Firewood	440	207	1,855			7 10 9	
146	Gram and pulse	18,460	63,267	49,855			374 9 6	
11	Gunny-bags, No. 3,700	775	2,625	2,150			21 4 6	
2	Goats and sheep, No. 200	47	400	250			1 7 0	
5	Hides of cattle, untanned, No. 4,310	410	4,300	950			13 11 0	
2	Horns	59	2,500	475			1 12 6	
1	Indigo seed	209	8,000	450			13 8 0	
3	Iron and its manufactures	80	800	385			3 1 0	
4	Jute, raw	580	2,550	1,375			5 2 6	
7	Lime and limestone	625	587	1,765			6 10 0	
3	Liquor	11	5,000	390			3 14 0	
63	Mustard	7,531	27,025	18,500			81 12 6	
44	Miscellaneous	3,130	11,582	10,345			69 3 3	
8	Other oil-seeds	859	2,450	2,200			11 0 0	
3	Other saline substances	225	562	600			5 0 0	
5	Other fibres, raw	470	1,300	1,505			22 8 6	
1,166	Passenger boats			63,265			614 11 6	
295	Paddy	21,082	20,435	35,955			481 14 6	
1,523	Rice	3,95,373	10,35,769	6,93,578			6,688 15 9	
11	Spices	1,070	7,405	3,625			42 0 6	
114	Salt	33,761	1,35,997	68,800			587 11 0	
69	Sugar, unrefined	8,710	37,334	20,090			113 12 9	
6	Sugar, refined	250	4,500	800			10 2 0	
74	Straw, 1,717 kahuns	13,575	6,664	47,275			186 10 0	
17	Silk, raw	289	1,49,400	1,590			11 4 6	
2	Sand	225	12	475			1 12 6	
61	Saltpetre, No. 2,305	6,211	8,119	10,305			112 14 9	
1	Stone plates	30	40	70			1 2 0	
61	Tobacco	7,395	50,125	17,575			290 1 6	
45	Timber, No. 351	3,801	4,200	4,330			82 4 3	
11	Vegetables and other kinds of provision	780	1,180	2,625			7 8 0	
10	Wheat	940	3,555	2,405			25 1 3	
5,698	Total	5,71,063	21,92,831	13,55,228	48,400	8,19,470	12,195 2 9	0 2 9
4,042	Total of same month last year	1,63,300	7,82,650	5,49,285	19,616	2,94,401	4,533 10 9	0 2 9
MISCELLANEOUS.								
	Passengers, No. 10,955						191 4 6	
	Rafts of timber, No. 4		100				0 8 0	
	Demurrage, &c.						40 2 0	
13	Boats passed free							
13	Total		100				231 14 6	
28	Total of same month last year		9				280 3 6	

(2) STORES AND MATERIALS FOR IRRIGATION WORKS.—Nil.

ABSTRACT.

5,711	Private, including miscellaneous	5,71,063	21,92,931	13,55,228	48,400	8,19,470	12,427 1 3	
...	Government stores, including miscellaneous							
5,711	Grand Total	5,71,063	21,92,931	13,55,228	48,400	8,19,470	12,427 1 3	
4,070	Grand total of same month last year	1,63,300	7,82,659	5,49,285	19,616	2,94,401	4,513 14 3	

Rs. A. P.

Unrecovered balance on the 1st of the month ... 4,434 1 4
 Amount of tollage for the month ... 12,427 1 3

Total ... 16,861 2 7

Amount credited in the accounts for the month ... 13,324 10 9

Balance at the end of the month ... 3,536 7 10

Hidgellie Tidal Canal.

LENGTH OF CANAL OPEN—29 MILES.

LOCAL TRAFFIC.

(1) PRIVATE.

Number of boats.	Nature of cargo.	APPROXIMATE		TONNAGE OF BOATS.		Ton mileage.	Tollage.	Rate of toll per ton mile.	
		Weight of cargo.	Value of cargo.	Mds.	Tons.			Rs. A. P.	A. P.
		Mds.	Rs.					Rs. A. P.	A. P.
714	Paddy	1,14,852	1,36,718	2,28,816	.....	.....	3,072 9 3	.....	.....
1,065	Rice	1,14,882	2,35,077	2,32,645	.....	.....	3,028 6 6	.....	.....
205	Miscellaneous	22,450	93,012	65,420	.....	.....	1,049 4 6	.....	.....
10	Sugar, unrefined	556	2,083	1,875	.....	.....	22 8 6	.....	.....
12	Mustard	26	60	130	.....	.....	1 13 9	.....	.....
7	Earthenwares (No. 13,340)	1,000	173	1,380	.....	.....	9 10 3	.....	.....
1	Fish	1	5	10	.....	.....	0 1 0	.....	.....
7	Timber	555	1,590	1,410	.....	.....	46 14 0	.....	.....
51	Salt	8,916	35,080	1,375	.....	.....	287 6 9	.....	.....
3	Coal	330	190	850	.....	.....	10 4 3	.....	.....
33	Straw (479 kahuns)	8,000	1,454	13,125	.....	.....	89 13 9	.....	.....
6	Mats (No. 6,500)	1,000	3,250	2,475	.....	.....	17 0 5	.....	.....
6	Cotton	267	3,554	1,725	.....	.....	21 2 3	.....	.....
1	Betelnuts	300	2,040	750	.....	.....	13 9 6	.....	.....
10	Cocconuts (No. 4,700)	120	130	1,225	.....	.....	22 1 3	.....	.....
7	Tobacco	165	650	9 5	.....	.....	10 10 9	.....	.....
2	Oil-cake	12	12	70	.....	.....	0 7 6	.....	.....
1	Firewood	400	76	875	.....	.....	6 0 5	.....	.....
1	Cotton piece-goods (3 bales)	6	600	100	.....	.....	0 11 0	.....	.....
4	Bricks (No. 2,900)	300	27	775	.....	.....	5 5 3	.....	.....
1	Tamarind	3	0	40	.....	.....	0 11 3	.....	.....
1	Brass plates	5	250	100	.....	.....	1 13 0	.....	.....
1	Bamboos (No. 100)	30	15	375	.....	.....	2 9 3	.....	.....
1	Tiles (No. 2,500)	350	90	625	.....	.....	11 5 3	.....	.....
25	Passenger boats	.....	.....	2,170	.....	.....	25 5 9	.....	.....
1,639	Empty boats	.....	.....	1,92,005	.....	.....	1,509 10 9	.....	.....
3,804	Total	2,74,526	5,17,055	7,12,405	25,443	5,31,037	9,355 14 3	0 3 3	.....
1,674	Total of same month last year	1,08,917	1,63,554	3,12,588	11,163	2,18,240	3,842 11 9	0 3 3	.....
MISCELLANEOUS.									
.....	Passengers (No. 117)	.....	.....	.....	.....	.....	2 15 6	.....	.....
.....	Demurrage	.....	.....	.....	.....	.....	1 11 0	.....	.....
.....	Total	.....	.....	.....	.....	.....	4 10 6	.....	.....
.....	Total of same month last year	.....	.....	.....	.....	.....	11 11 3	.....	.....

(2) STORES AND MATERIALS FOR IRRIGATION WORKS.—NIL.

ABSTRACT.

3,804	Private, including miscellaneous	2,74,526	5,17,055	7,12,405	25,443	5,31,037	9,355 14 3	.....
.....	Government stores, including miscellaneous	.....	.....	.....	.....	.....	.....	.....
3,804	Grand Total	2,74,526	5,17,055	7,12,405	25,443	5,31,037	9,355 14 3	.....
1,674	Grand total of same month last year	1,08,917	1,63,554	3,12,588	11,163	2,18,240	3,854 7 0	.....

Rs. A. P.

Unrecovered balance on the 1st of the month | | | | | 1,756 8 9 |Amount of tollage for the month | | | | | 9,355 14 3 |Total | | | | | 11,112 7 0 |Amount credited in the accounts for the month | | | | | 8,876 13 9 |Balance at the end of the month | | | | | 2,235 9 3 |

SONE CIRCLE.

Arrah Canal.

LENGTH OF CANAL OPEN—65 MILES.

LOCAL TRAFFIC.

(1) PRIVATE.

102	Gram, wheat, barley, peas, khassary, &c.	...	21,800	45,670	26,484	973	47,675	468 0 0	...
20	Lime	...	7,520	9,980	10,978	370	2,902	94 11 6	...
8	Kuth	...	3,420	540	4,540	167	8,182	63 7 0	...
4	Kundy, harry, and chalk	...	797	150	1,297	48	2,763	27 5 6	...
11	Rubbie, janta, and chukee	...	3,843	722	4,583	163	3,704	80 4 9	...
35	Salt	...	4,700	23,500	6,323	232	19,457	124 8 0	...
4	Bundles of chalks	...	257	1,526	557	20	818	14 9 6	...
10	Firewood	...	850	225	1,465	54	7,559	14 13 0	...
7	Spices	...	2,293	7,886	2,818	104	5,994	31 12 6	...
11	White peas	...	1,400	2,800	2,226	82	26,830	12 5 9	...
10	Tobacco	...	3,726	2,602	4,676	172	2,233	74 8 3	...
22	Passengers with luggage	...	.....	.....	1,670	61	3,558	22 11 0	...
40	Empty	...	.....	.....	6,583	234	13,589	60 2 0	...
...	Jau and gram	...	.....	.....	.....	.....	.....	10 0 0*	...
293	Total	...	50,006	93,121	73,103	2,685	1,45,394	1,099 2 9	0 1 4
11	Total of same month last year	...	1,050	6,685	3,324	122	5,287	50 12 3	0 1 8
MISCELLANEOUS.									
...	Rafts of bamboos and ballahs	...	.....	.....	170	.....	.....	0 4 0	...
...	Total	...	.....	.....	170	.....	.....	0 4 0	...
...	Total of same month last year	...	.....	.....	.....	.....	.....	3 0 0	...

* Omitted to be entered in return for August 1877.

Arrah Canal—continued.

(2) STORES AND MATERIALS FOR IRRIGATION WORKS.

Number of boats.	Nature of cargo.	APPROXIMATE		TONNAGE OF BOATS.		Ton mileage.	Tollage.	Rate of toll per ton mile.
		Weight of cargo.	Value of cargo.	Mds.	Tons.			
		Mds.	Rs.				Rs. A. P.	A. P.
38	Rubble	700	21	964	35	521	131 1 9	...
3	Iron bridge	3,398	500	3,633	133	7,741	18 14 9	...
10	Pipes	902	...	624	23	940	45 2 9	...
1	Bricks	205	14	624	23	229	4 8 0	...
26	Iron	3,772	18,890	5,132	189	10,935	122 10 9	...
55	Empty boats	...	...	9,012	331	12,506	123 11 3	...
		...	...	...	...	...	7 2 0*	...
133	Total	8,947	16,395	19,989	734	32,872	453 3 3	0 2 6
62	Total of same month last year	8,327	988-3-9	16,892	617	7,615	124 12 3	...

* Omitted in August's return.

ABSTRACT.

293	Private, including miscellaneous	50,606	93,121	73,273	2,655	1,45,304	1,099 6 9	...
133	Government stores, including ditto	8,947	16,395	19,989	734	32,872	453 3 3	...
426	Grand total	59,553	1,12,516	93,262	3,419	1,78,176	1,552 10 0	...
75	Grand total of same month last year	9,887	7,673-3-9	20,216	739	12,992	178 8 6	...

MEMORANDUM.

						Rs. A. P.	
	Unrecovered balance on the 1st of the month	...	...	...	...	653 8 4	
	Amount of tollage for the month	...	...	...	...	1,552 10 0	
					Total	2,206 2 4	
	Amount credited in the accounts for the month	...	...	...	...	1,601 13 6	
	Balance at the end of the month	...	...	...	...	604 4 10	

Western Main Canal.

LENGTH OF CANAL OPEN—22 MILES.

LOCAL TRAFFIC.

(1) PRIVATE.

								A. P.
6	Stones, chuckee and jatta, &c.	1,483	2,876	2,425	89	5,314	34 13 9	
6	Rice, gram, wheat and spices, &c.	1,100	55	1,725	64	1,664	24 12 9	
3	Kankur	580	29	1,175	44	220	7 5 6	
17	Empty boats	...	...	2,030	77	1,276	15 11 9	
32	Total	3,163	2,960	7,375	274	5,474	82 11 9	0 2 8
	Total of same month last year	...	...	...	...	...	...	...
	MISCELLANEOUS.							
	Total	...	...	...	...	...	...	...
	Total of same month last year	...	...	...	...	...	...	...

(2) STORES AND MATERIALS FOR IRRIGATION WORKS.

13	Rubble stone	3,820	191	6,150	226	1,130	38 7 0	
1	Band stone	450	40	725	27	135	4 8 6	
1	Pieces of engine	10	30	2,600	6	84	1 3 6	
18	Empty boats	...	...	625	119	802	21 5 3	
33	Total	4,280	261	10,100	378	2,151	65 8 3	0 5 8
	Total of same month last year	...	...	...	...	...	...	...
	MISCELLANEOUS.							
	Total	...	...	...	...	...	...	...
	Total of same month last year	...	...	...	...	...	...	...

ABSTRACT.

32	Private, including miscellaneous	3,163	2,960	7,375	274	5,474	82 11 9	...
33	Government stores, including miscellaneous	4,280	261	10,100	378	2,151	65 8 3	...
65	Grand Total	7,443	3,221	17,475	652	7,625	148 4 0	...
	Grand total of same month last year	...	...	...	...	...	...	...

						Rs. A. P.	
	Unrecovered balance on the 1st of the month	...	...	...	...	354 1 0	
	Amount of tollage for the month	...	...	...	...	148 4 0	
					Total	502 5 0	
	Amount credited in the account for the month	...	...	...	...	436 12 9	
	Balance at end of month	...	...	...	...	65 8 3*	

* Rs. 65-8-3 is the amount of bearing tickets for September 1877, will be adjusted in accounts for October 1877.

ABSTRACT.

CANALS.	TOLLAGE OF THE YEAR 1877-78.		TOLLAGE OF THE YEAR 1876-77.		REMARKS.
	During the month.	To end of month.	During the corresponding month.	To end of cor- responding month.	
ORISSA CIRCLE.					
Kendraparah	Rs. A. P. 1,844 6 11	Rs. A. P. 9,697 8 5	Rs. A. P. 956 14 4	Rs. A. P. 6,361 5 5	
High Level, Section I	413 12 1	2,622 14 7	240 9 0	1,398 1 2	
Taldandah	102 11 0	814 5 7	35 1 9	854 11 1	
Total Orissa Circle ...	2,360 14 6	13,134 12 7	1,241 9 1	8,614 1 8	
SOUTH-WESTERN CIRCLE.					
Midnapore	12,427 1 3	48,157 12 3	4,813 14 3	31,590 14 6	
Hidgelice Tidal	9,355 14 3	46,749 9 9	3,854 7 0	23,452 8 7	
Total South-Western Circle ...	21,782 15 6	94,907 6 0	8,668 5 3	55,043 7 1	
SONE CIRCLE.					
Arrah	1,552 10 0	6,406 6 3	178 8 6	178 8 6	
Western Main	148 4 0	1,160 11 9	.....	.....
Total Sone Circle ...	1,700 14 0	7,567 2 0	178 8 6	178 8 6	
Grand Total ...	25,844 11 6	1,15,609 4 7	10,088 6 10	63,836 1 3	

F. T. HAIG, Col., R.E.,

Joint Secretary to the Government of Bengal,

in the P. W. Dept., Irrigation Branch.

The 6th November 1877.

Weekly Return of Traffic Receipts on Indian Railways.

EAST INDIAN RAILWAY—MAIN LINE.

Approximate Return of Traffic for week ended 27th October 1877 on 1,279½ miles open.

	COACHING TRAFFIC.				MERCHANDISE AND MINERAL TRAFFIC.				TOTAL TRAFFIC RECEIPTS.	TRAIN MILES RUN.		
	No. of passen- gers.	Coaching receipts.		Weight carried.	Receipts.		Coach- ing.	Merchan- dise.		Total.		
		Rs. A. P.	£ s. d.	Mds. s.	Rs. A. P.	£ s. d.	Rs. A. P.					
Total traffic for the week ...	128,965½	1,92,588 8 6	17,635 3 2	14,67,988 10	5,35,880 9 3	49,122 7 9	7,28,264 1 9	44,802½	169,848½	154,650½		
Or per mile of railway		150 5 3	13 15 7	.....	418 11 10	38 7 8	569 1 1	.....	.....	.....
For previous 16 weeks of half-year	2,044,772½	25,07,573 9 9	2,20,860 18 3	2,04,36,365 10	78,89,713 1 3	7,23,223 14 0	1,05,97,286 11 0	7,07,943½	1,639,833	2,347,776½		
Total for 17 weeks	2,173,738	26,99,957 2 3	2,47,496 1 5	2,19,04,353 20	84,25,593 10 6	7,72,346 1 9	1,11,25,550 12 9	752,746	1,740,681½	2,500,427½		
COMPARISON.												
Total for corresponding week of previous year	133,772	1,83,473 7 6	16,818 8 0	10,64,568 10	4,90,230 2 0	44,937 15 3	6,73,703 9 6	42,599	79,571	122,170		
Per mile of railway, correspond- ing week of previous year		143 5 10	13 2 10	.....	383 1 1	35 2 4	526 6 11	.....	.....	.....
Total to corresponding date of previous year	1,905,430½	23,51,843 11 10	2,15,585 13 6	1,34,96,261 10	61,93,550 15 4	5,67,744 18 5	85,45,424 11 2	733,559	1,140,606	1,874,165		

EAST INDIAN RAILWAY—MAIN LINE.

Approximate Return of Traffic for week ended 3rd November 1877 on 1,279½ miles open.

		Rs. A. P.	£ s. d.	Mds. s.	Rs. A. P.	£ s. d.	Rs. A. P.			
Total traffic for the week ...	132,364½	208,139 15 0	19,079 9 11	15,12,538 0	5,82,181 14 9	53,366 13 6	7,90,321 13 9	45,320½	110,448	155,768½
Or per mile of railway ...	.....	162 10 3	14 18 2	.....	454 14 8	41 14 0	617 8 11	.....	.....	.....
For previous 17 weeks of half-year	2,173,738	26,99,957 2 3	2,47,496 1 5	2,19,04,353 20	84,25,593 10 6	7,72,346 1 9	1,11,25,550 12 9	752,746	1,740,681½	2,500,427½
Total for 18 weeks	2,306,102½	29,08,097 1 3	2,66,575 11 4	2,34,16,891 10	90,07,776 9 3	8,25,712 15 3	1,19,15,872 10 6	798,666½	1,890,129½	2,688,796
COMPARISON.										
Total for corresponding week of previous year ...	130,505	1,98,854 1 9	18,228 5 11	11,13,390 10	4,63,811 1 3	42,516 0 4	6,62,065 3 0	44,568	91,221	135,789
Per mile of railway, corresponding week of previous year ...	.....	155 6 2	14 4 11	.....	362 6 9	33 4 5	517 12 11	.....	.....	.....
Total to corresponding date of previous year ...	2,035,935½	25,50,697 13 7	2,33,813 19 5	1,46,09,651 20	66,57,392 0 7	610,260 18 9	92,08,089 14 2	778,127	1,231,827	2,009,954

EAST INDIAN RAILWAY—JUBBULPORE LINE.

Approximate Return of Traffic for week ended 27th October 1877 on 223½ miles open.

		Rs. A. P.	£ s. d.	Mds. s.	Rs. A. P.	£ s. d.	Rs. A. P.			
Total traffic for the week ...	7,739½	20,102 9 9	1,842 14 10	1,97,929 10	47,068 8 0	4,314 12 3	67,171 1 9	4,874½	11,865	16,739½
Or per mile of railway ...	.....	89 13 6	8 4 5	.....	210 5 10	19 5 8	300 3 4	.....	.....	.....
For previous 17 weeks of half-year	91,462½	2,12,396 1 9	19,469 12 10	36,37,985 30	8,61,619 2 0	78,981 15 1	10,74,015 3 9	73,294½	238,108½	311,403½
Total for 17 weeks	99,202	2,32,498 11 6	21,312 7 8	38,35,015 0	9,08,687 10 0	83,296 7 4	11,41,186 5 6	78,168½	249,973½	328,141½
COMPARISON.										
Total for corresponding week of previous year ...	7,868½	28,490 3 3	2,611 12 0	1,13,556 30	27,824 11 9	2,550 12 0	56,314 15 0	5,107	6,007	11,114
Per mile of railway, corresponding week of previous year ...	.....	127 5 4	11 13 5	.....	124 5 8	11 8 0	251 11 0	.....	.....	.....
Total to corresponding date of previous year ...	78,314½	2,07,979 11 9	19,064 16 2	9,04,076 30	2,39,770 6 9	21,978 19 1	4,47,750 2 6	76,406	56,898	133,304

EAST INDIAN RAILWAY—JUBBULPORE LINE.

Approximate Return of Traffic for week ended 3rd November 1877 on 223½ miles open.

		Rs. A. P.	£ s. d.	Mds. s.	Rs. A. P.	£ s. d.	Rs. A. P.			
Total traffic for the week ...	9,099	27,489 15 6	2,519 18 3	1,64,068 20	49,966 15 0	3,755 6 1	68,456 14 6	5,320½	10,036	15,356½
Or per mile of railway ...	.....	122 13 9	11 5 3	.....	183 1 6	16 15 8	305 15 3	.....	.....	.....
For previous 17 weeks of half-year	99,202	2,32,498 11 6	21,312 7 8	38,35,015 0	9,08,687 10 0	83,296 7 4	11,41,186 5 6	78,168½	249,973½	328,141½
Total for 18 weeks	108,301	2,59,988 11 0	23,832 5 11	39,99,083 20	9,49,634 9 0	87,051 13 5	12,09,643 4 0	83,489½	260,099½	343,579½
COMPARISON.										
Total for corresponding week of previous year ...	6,767	23,486 0 6	2,152 17 9	1,63,288 30	39,452 10 0	3,616 9 10	62,938 10 6	5,649	8,001	13,650
Per mile of railway, corresponding week of previous year ...	.....	104 15 6	9 12 5	.....	176 5 2	16 3 3	281 4 8	.....	.....	.....
Total to corresponding date of previous year ...	85,081½	2,31,465 12 3	21,217 13 11	10,67,365 20	2,79,223 0 9	25,595 8 11	5,10,688 13 0	82,055	64,809	146,864

EASTERN BENGAL RAILWAY.

Approximate Return of Traffic for week ended 27th October 1877 on 158½ miles open.

	COACHING TRAFFIC.			MERCHANDISE AND MINERAL TRAFFIC.			Total Receipts.
	Number of passengers.	Coaching receipts.		Weight carried.	Receipts.		
		Rs. A. P.	£ s. d.	Mds. s.	Rs. A. P.	£ s. d.	£ s. d.
Total traffic for the week	42,366½	25,502 5 6	2,337 14 4	2,11,094 20	80,962 3 1	7,421 10 8	9,759 5 0
Or per mile of railway	268	161 2 5	14 15 5	1,333 37	511 9 9	46 18 0	61 13 5
For previous 16 weeks of half-year	570,014	5,64,742 13 0	33,434 15 0	47,93,925 17	13,60,828 13 0	1,24,742 12 9	1,58,177 7 9
Total for 17 weeks	612,380½	5,90,245 2 6	35,772 9 4	50,05,020 3	14,41,791 0 1	1,32,164 3 5	1,67,939 12 9
COMPARISON.							
Total for corresponding week of previous year	43,544	24,711 14 9	2,305 5 2	2,05,837 24	49,825 6 0	4,507 6 6	6,832 11 8
Per mile of railway, corresponding week of previous year	275	156 2 6	14 6 3	1,300 28	314 13 8	23 17 3	45 5 6
Total to corresponding date of previous year	555,810	3,38,034 4 7	30,986 9 7	35,71,946 9	9,40,763 5 2	86,235 14 4	1,17,222 3 11

EASTERN BENGAL RAILWAY.

Approximate Return of Traffic for week ended 3rd November 1877 on 158½ miles open.

	COACHING TRAFFIC.			MERCHANDISE AND MINERAL TRAFFIC.			Total receipts.
	Number of passengers.	Coaching receipts.		Weight carried.	Receipts.		
		Rs. A. P.	£ s. d.	Mds. s.	Rs. A. P.	£ s. d.	£ s. d.
Total traffic for the week	32,764	24,005 3 6	2,200 9 7	2,09,558 12	82,086 7 7	7,524 11 10	9,725 1 5
Or per mile of railway	207	151 11 1	13 18 1	1,324 9	518 11 5	47 11 0	61 9 1
For previous 17 weeks of half-year	612,380½	3,90,245 2 6	35,772 9 4	50,05,020 3	14,41,791 0 1	132,164 3 5	167,936 12 9
Total for 18 weeks	645,144½	4,14,250 6 0	37,972 18 11	52,14,578 15	15,23,877 7 8	139,688 15 3	177,661 14 2
COMPARISON.							
Total for corresponding week of previous year	41,909	26,715 7 8	2,448 18 5	2,21,989 5	50,108 15 4	4,593 6 5	7,042 4 10
Per mile of railway, corresponding week of previous year	265	168 13 1	15 9 6	1,402 31	316 10 4	29 0 6	44 10 0
Total to corresponding date of previous year	597,809	3,64,749 12 3	33,435 8 0	37,93,935 14	9,90,552 4 6	99,829 0 9	124,264 8 9

CALCUTTA AND SOUTH-EASTERN STATE RAILWAY.

Approximate Return of Traffic for week ended 27th October 1877 on 28 miles open.

		Rs. A. P.	£ s. d.	Mds. s.	Rs. A. P.	£ s. d.	£ s. d.
Total traffic for the week	8,490	1,454 0 0	145 8 0	16,662 0	661 0 0	60 2 0	205 10 6
Or per mile of railway	303	52 0 0	5 4 0	595 0	21 0 0	2 2 0	7 6 0
For previous 16 weeks of half-year	151,330	21,774 0 0	2,177 8 0	1,96,883 0	6,340 0 0	634 0 0	2,811 8 0
Total for 17 weeks	159,820	23,228 0 0	2,322 16 0	2,13,545 0	6,941 0 0	694 2 0	3,016 18 0
COMPARISON.							
Total for corresponding week of previous year	10,186½	1,344 5 6	134 8 8	14,822 0	477 6 9	47 14 10	182 3 6
Per mile of railway, corresponding week of previous year	363	48 0 2	4 16 0	529 0	17 0 9	1 14 1	6 10 1
Total to corresponding date of previous year	148,028½	19,702 5 9	1,970 4 8	2,08,339 4	6,569 14 3	656 19 8	2,627 4 4

CALCUTTA AND SOUTH-EASTERN STATE RAILWAY.

Approximate Return of Traffic for week ended 3rd November 1877 on 28 miles open.

		Rs. A. P.	£ s. d.	Mds. s.	Rs. A. P.	£ s. d.	£ s. d.
Total traffic for the week	8,338	1,400 0 0	140 0 0	19,088 0	670 0 0	67 0 0	207 0 0
Or per mile of railway	297	50 0 0	5 0 0	681 0	23 8 0	2 7 0	7 7 0
For previous 17 weeks of half-year	159,820	23,228 0 0	2,322 16 0	2,13,545 0	6,941 0 0	694 2 0	3,016 18 0
Total for 18 weeks	168,158	24,628 0 0	2,462 16 0	2,32,633 0	7,611 0 0	761 2 0	3,223 18 0
COMPARISON.							
Total for corresponding week of previous year	10,453	1,385 3 3	138 10 5	14,844 0	531 6 6	58 2 10	196 13 3
Per mile of railway, corresponding week of previous year	373	49 7 6	4 18 11	530 0	20 12 2	2 1 6	7 0 5
Total to corresponding date of previous year	158,481½	21,087 9 0	2,108 15 1	2,23,183 4	7,151 4 9	715 2 6	2,823 17 7

NALHATI STATE RAILWAY.

Approximate Return of Traffic for week ended 3rd November 1877 on 27½ miles open.

		Rs. A. P.	£ s. d.	Mds. s.	Rs. A. P.	£ s. d.	£ s. d.
Total traffic for the week	1,979	938 0 0	93 16 0	4,506 0	417 0 0	47 14 0	135 10 6
Or per mile of railway	73	34 0 0	3 8 0	165 0	15 0 0	1 10 0	4 18 0
For previous 17 weeks of half-year	36,386	17,176 0 0	1,717 12 0	1,18,619 0	9,388 0 0	938 16 0	2,656 8 0
Total for 18 weeks	38,365	18,114 0 0	1,811 8 0	1,23,125 0	9,805 0 0	980 10 0	2,791 18 0
COMPARISON.							
Total for corresponding week of previous year	1,739½	772 14 9	77 5 10	6,156 19	494 6 9	49 8 10	126 14 8
Per mile of railway, corresponding week of previous year	64	28 5 10	2 16 9	225 37	18 2 3	1 16 4	4 13 1
Total to corresponding date of previous year	32,954	15,747 3 11	1,574 14 5	68,804 19	6,487 9 3	648 15 2	2,223 9 7

TIRHOOT STATE RAILWAY.

Approximate Return of Traffic for week ended 3rd November 1877 on 76 miles open.

		Rs. A. P.	£ s. d.	Mds. Srs.	Rs. A. P.	£ s. d.	£ s. d.
Total traffic for the week	6,974½	3,241 4 0	324 2 6	27,166 20	2,889 12 0	238 19 6	613 2 6
Or per mile of railway	92	42 10 0	4 5 3	357 0	38 1 0	3 16 2	8 1 5
For previous 17 weeks of half-year	118,513	40,561 2 6	4,956 2 3	3,42,136 0	32,317 9 6	3,231 15 3	8,187 17 6
Total for 18 weeks	125,487½	52,802 6 6	5,280 4 9	3,69,302 20	35,207 5 6	3,520 14 9	8,806 19 6
COMPARISON.							
Total for corresponding week of previous year opened 46½ miles	6,850	3,008 10 0	300 17 3	21,690 0	1,993 4 6	199 10 7	500 7 16
Per mile of railway, corresponding week of previous year	147	64 10 0	6 9 6	466 0	42 14 0	4 5 9	10 15 5
Total to corresponding date of previous year	45,501	19,333 5 6	1,933 6 5	3,84,181 20	25,805 2 0	2,580 10 4	4,513 16 9



SUPPLEMENT TO The Calcutta Gazette.

WEDNESDAY, NOVEMBER 21, 1877.

OFFICIAL PAPERS.

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CULTIVATION OF SUN-FLOWER AND OF GROUND-NUTS.

Nos. 514C. to 524C., dated Calcutta, the 2nd November 1877.

RESOLUTION—By the Government of India, Department of Revenue, Agriculture, and Commerce.

READ—

A letter from the Chief Commissioner of Mysore, No. 5502-G133, dated the 30th August 1877, forwarding a report by the Superintendent of the Experimental Farm at Bangalore on the cultivation of the sun-flower (*Helianthus annuus*) and the uses of the oil extracted from the seed.

1. The cultivation of the sun-flower plant was undertaken in this country to test its value in the reclamation of marshy land and the removal of malaria.

2. In Bangalore the plant has now been in continuous cultivation for some years, without any particularly successful results. As a destroyer of malaria, it is certain that the plant possesses no special value, and the statements on which the experiments were first undertaken have been found to be fictitious. The truth seems to be that the marvellous effects which are sometimes attributed to plants (as in the case of the sun-flower and the blue gum

of Australia) as sanitary agents are due more to the clearing and drainage which are required before the plants can be successfully grown than to any peculiar virtues inherent in the plants themselves.

3. Oil of a very beautiful appearance has been extracted from the sun-flower in Bangalore, but the cost of extraction is prohibitive against its use; and, moreover, it has been generally condemned by those to whom samples were furnished for experiment as being ill adapted either for table use or for machinery. It is understood that large quantities of sun-flower seed are produced in Russia for the sake of the oil, which is in considerable demand for the lubrication of machinery. But, however this may be, it is clear that the cost of production in this country, so far as the experiments have gone, will not permit of the profitable cultivation of the plant.

4. The Chief Commissioner of Mysore thinks that, in order to investigate the properties of the plant to the fullest extent, further experiments, suggested by the Superintendent of the Government Farm in Bangalore should be made, the objects to be determined being (1) to ascertain whether the plant can be grown as an ordinary agricultural crop, so as to compete with the usual oil-seed crops cultivated by natives, and (2) to determine the value of the oil by chemical analysis in England.

5. The Governor-General in Council does not object to the proposed experiments being undertaken, a quantity of the oil being prepared for chemical analysis and for submission to the trade. But this quantity having been prepared, it does not seem necessary to continue the experimental cultivation, pending the receipt of reports on it. If they should be favourable, the cultivation may be easily resumed. In the proposed experiment, particular attention should be given to the matter of cost, which should be carefully recorded.

6. In connection with this subject, the Governor-General in Council thinks it opportune to record his opinion that it is of more importance to stimulate and develop the production of articles already known in the country than to initiate costly experiments in articles not commercially known and of which the ultimate success is problematical. One of these articles is the ground-nut (*Arachis hypogæa*). The kernel of the pod of this plant produces a very large proportion of excellent oil, extensively used in Europe as well as in this country. The plant grows abundantly in the Madras Presidency and elsewhere, but it does not seem to be fully utilized. The exports of the nut to foreign countries in 1875-76 were—from Madras 6,994 cwt., value Rs. 29,774, and from Bombay 3,721 cwt., value Rs. 13,845. From Bengal the exports have been so trifling that they have not been separately distinguished. The plant is grown to some extent in Burma, but not sufficiently for local consumption, and quantities are imported from Madras.

Although the exports to foreign countries from British India are trifling, considerable quantities are sent from Pondicherry to France, as will be seen from the following figures which have been extracted from the French Trade Returns of 1875:—

Imports from British India—1,231,803 kilos., value 406,494 francs.

Imports from French India—6,404,899 kilos., value 2,143,616 francs.

The total imports into France in the year from all countries were 101,524,468 kilos., or nearly 100,000 tons, worth 33,503,000 francs.

Thus out of this total value of 33½ million francs only 2½ millions stand against India, of which French India has by far the largest share. Nearly all the rest is imported from the western coast of Africa.

7. The French trade in ground-nuts is a large and increasing one, the extraction of the oil, which is in considerable demand for the manufacture of soap, for consumption as food, and for other purposes, being conducted on a large scale at Marseilles. If the cultivation can be developed in this country, it seems probable that British India should be able to compete with Africa and supply France with a very considerable part of her requirements of this article, adding the ground-nut to other oil-seeds, such as gingelly and rape, which are now exported to France in great quantities.

8. The Governor-General in Council requests that the local Governments will be good enough to obtain particulars of the extent of its cultivation in their provinces, and to report them with any particulars they can ascertain as to the consumption of the seed and oil in the country. His Excellency in Council will also be glad to be favoured with any suggestions they may wish to make as to possible development of the cultivation and trade. In the maritime provinces it is desirable that the export trade should be recorded in the monthly and annual returns, and this should be done with effect from the 1st of April next in both the foreign and coasting trade returns.

ORDER.—Ordered that a copy of this resolution be forwarded to the Governments

Government of Madras.
 " " Bombay.
 " " Bengal.
 " " N.-W. Provinces and Oudh.
 " " Punjab.
 Chief Commissioner of Central Provinces.

Chief Commissioner of British Burma.
 " " " Assam.
 " " " Mysore and Coorg.
 " " " Ajmere.
 Resident at Hyderabad.

and Administrations noted on the margin for information and guidance.

ABSTRACT OF REPORTS ON DISTRICT STOCKS OF RICE, &c., AND MOVEMENTS OF PRICE IN BENGAL, RECEIVED UP TO THE 20TH NOVEMBER 1877.

N. B.—No reliance can be placed on the accuracy of figured estimates of stocks in the interior; at best a rough approximation is all that can be expected.

Burdwan, 17th November 1877.—The exports of food-grains from Burdwan were 2,350 maunds, and from Bood-Bood 1,600 maunds.

Bankoora, 17th November 1877.—No exportation of rice was reported during the week.

Beerbhoom, 19th November 1877.—Stocks of food-grains seem to be very low. The price of common rice has slightly risen; it ranges from $16\frac{1}{2}$ to 23 seers per rupee.

Hooghly, 17th November 1877.—No import during the week. Exports from Chander-nagore and other places on the Hooghly are estimated at about 3,000 maunds. The stock in hand is about 75,000 maunds. Prices are stationary.

Howrah, 19th November 1877.—Common rice has again cheapened slightly in the interior; it now sells at about Rs. 2-8 per maund. Trade is inactive.

24-Pergunnahs, 17th November 1877.—The supply of food-grains seems to be sufficient in all sub-divisions.

Nuddea, 17th November 1877.—In Kooshtea the imports of food-grains were 5,470 maunds, and the exports by rail to Calcutta 355 maunds during the week. In Meherpore 360 maunds were imported. No exports from Bongong. 157 maunds of rice were imported from the east into Chooadanga. In Ranaghat 800 maunds were imported. The imports into the sudder sub-division have consisted of 2,800 maunds of rice, 257 maunds of cereals, and 550 maunds of pulses; the exports were 187 maunds of rice, 87 maunds of cereals, and 494 maunds of pulses. The trade to Calcutta appears to be rapidly falling off. Coarse rice is generally procurable at Rs. 2 per maund, it is cheaper at Hanskhali, namely Rs. 1-12 per maund.

Jessore, 17th November 1877.—The stocks of food-grains in the district are sufficient, and very little importation is going on.

Moorshedabad, 17th November 1877.—The river returns show:—Imports—rice 22,690 maunds, paddy 1,900 maunds, wheat 2,316 maunds, gram and pulses 14,672 maunds. Exports—rice 15,850 maunds, paddy 700 maunds, wheat 1,370 maunds, gram and pulses 4,825 maunds. The prices are:—at Berhampore common rice is 14 to 17 seers, at Lalbagh 18 seers, at Jungypore 17 to 19 seers, and at Rampore Hât $18\frac{1}{4}$ seers per rupee. Coarse rice at Berhampore and Lalbagh 19 seers, and at Jungypore 19 to 22 seers per rupee.

Rajshahye, 17th November 1877.—6,307 $\frac{3}{4}$ maunds of rice and 1,761 maunds of pulses were exported. The stock of rice available for exportation is about 3 $\frac{3}{4}$ lakhs of maunds. The price of common rice has risen from $21\frac{1}{10}$ and $22\frac{1}{10}$ seers to $19\frac{1}{2}$ and $21\frac{3}{4}$ seers per rupee, and of best rice from 12 to $10\frac{1}{2}$ and 12 seers per rupee.

Rungpore, 16th November 1877.—No change in the price of rice since last report, and exportation appears to have decreased.

Bogra, 17th November 1877.—792 maunds of rice were exported to Calcutta, and a small quantity to Pubna and Rajshahye. 500 maunds were imported from Dinagepore. Rice is on the whole cheaper throughout the district.

Pubna, 17th November 1877.—In Pubna town coarse rice is sold at Rs. 2, *poorbee* at Rs. 2-1, paddy at Rs. 1-3, wheat at Rs. 2-2 per maund; there have been no exports or imports. At Dulai *aus* rice is 19 seers, *amun* 21 seers, *amun* paddy one maund and *aus* paddy 28 seers per rupee. At Mothoora, rice is 18 seers and paddy 37 seers per rupee. At Chatmohur *amun* rice is Rs. 1-10, *aus* Rs. 1-6, *poorbee* Rs. 1-12, and *Amun* paddy 12 annas per maund. At Serajgunge, *amun* rice is Rs. 3-1 or Rs. 3-2, *aus* Rs. 2-8 or Rs. 2-10, *amun* paddy Re. 1 or Rs. 1-1 per maund; about 2,000 maunds of rice were exported to Calcutta. At Shazadpore, rice is sold at Rs. 2-11 and paddy at Rs. 1-5 per maund. At Raigunge rice is at 15 seers and paddy at 28 seers per rupee.

Darjeeling, 17th November 1877.—The prices of every description of rice are falling. The supply is well kept up.

Cooch Behar, 15th November 1877.—The prices of food-grains remain unchanged. No exportation or importation is taking place. Supplies are abundant.

Dacca, 18th November 1877.—The supplies of food-grains are plentiful. There have been no exports except to Chittagong, Backergunge, and Noakhally. In the district generally prices of rice are Rs. 2-8 to 3 per maund; at Naraingunge Rs. 2-5 to Rs. 2-11-9 per maund.

Furreedpore, 17th November 1877.—The price of rice varies from 19 seers per rupee at Goalundo to 12 seers per rupee in some parts of the south of the district. Importation is less brisk than usual at this season. There was very little exportation.

Backergunge, 15th November 1877.—Prices of rice are high:—at Burisal Rs. 4, at Jhalakati Rs. 4-8 to Rs. 4-12, at Backergunge Rs. 4-12, at Perozepore Rs. 5, and at Bhola Rs. 3-4 to Rs. 3-8 per maund. The supply of food-grains continues to come into the district, and an importation of 29,011 maunds is reported during the week ending the 10th instant.

Tipperah, 16th November 1877.—Prices of rice vary from Rs. 2-6 to Rs. 3-4 per maund in the various marts. Exports continue.

Chittagong, 15th November 1877.—No exportation of rice to Calcutta during the week.

Noakhally, 15th November 1877.—The prices of food-grains are the same as reported last week. Coarse rice is 13 or 14 seers per rupee. The supplies in the markets are fair.

Importation is slack. There was some exportation from Fenny station to Chittagong, and from Begungunge to Calcutta and Chittagong.

Chittagong Hill Tracts, 13th November 1877.—At Rangamatia rice is sold at Rs. 3-8 to Rs. 4 per maund, and at Ramghur, in the Fenny valley, at Rs. 3-4 per maund. At Cox's Bazar and Sungoo the prices are the same as last week.

Hill Tipperah, 14th November 1877.—At Agartalla common rice is 19 seers per rupee. Supplies continue to increase. New *amun* is coming into the markets.

Gya, 17th November 1877.—Prices are stationary throughout the district. Some exports are reported from the district.

Mozufferpore, 17th November 1877.—Exportations of food-grains are going on. Prices are slightly rising.

Sarun, 17th November 1877.—The imports of food-grains during the week from Mozufferpore, Patna, Fyzabad, Nowabgunge, Purneah, and Shahabad amounted to 11,810 maunds, and the exports were 2,000 maunds of wheat to Calcutta, and 500 maunds of gram to Fyzabad. The stock in hand was 62,397 maunds. The prices were—wheat 14 seers, best rice 8½ seers, common rice 12 seers per rupee, &c.

Chumparun, 17th November 1877.—Prices of food-grains are generally rising considerably, but somewhat fluctuating. Some exports are reported.

Monghyr, 17th November 1877.—The stock of food-grains at the different marts during the week consisted of rice 19,250 maunds, ratur pulse 7,474 maunds, wheat 30,882 maunds, paddy 9,765 maunds, gram 7,467 maunds, &c.

Bhagulpore, 18th November 1877.—The stock of food-grains is much the same as last week; no large transactions are recorded.

Purneah, 17th November 1877.—The exportation of food-grains to Calcutta continues, especially from the town of Purneah, and Kusba.

Maldah, 17th November 1877.—The prices of common rice are about the same as last week.

Sonthal Pergunnahs, 15th November 1877.—The supply of food-grains in the different marts in Deoghur sub-division consisted of paddy 87 maunds, common rice 275 maunds, Indian-corn 1,017 maunds, &c. 150 maunds of rice and 940 maunds of Indian-corn have been exported to the North-West Provinces from this sub-division.

Cuttack, 17th November 1877.—The exports during the week amounted to only 298 maunds to Cochin, as against 13,351 maunds to Madras and Bombay last week. The more hopeful reports from Madras have given a decided check to the purchasers for exports to Madras ports. The stocks at the sudder sub-division are reported at 90,000 maunds, which will leave a large margin for export if required. Prices are still high; there is a temporary lull in the markets, as the mahajuns are uncertain whether to ship the rice for Madras or to sell it at the locality at the fairly high rates prevailing.

Pooree, 15th November 1877.—The supply of rice to inland markets is not sufficient; prices have risen. In Khoordah rice is cheaper, owing to the arrival of 5,000 maunds of unhusked rice sent for sale in the Government estate. Prices are 9 to 17½ seers per rupee. No exports by sea.

Balasore, 16th November 1877.—Exports of food-grains during the week consisted of 18,214 maunds of rice from Balasore to the Madras Presidency, and 550 maunds of rice and 1,900 maunds of paddy to Calcutta. Up to the 10th instant the exports from Chandbally consisted of 1,888 maunds of rice to Maldives, and 244 maunds of rice and 954 maunds of paddy to Calcutta. At Chandbally the price of clear red rice was Rs. 1-12 per maund on the 9th idem, and at Balasore it has been Rs. 1-13 throughout the week. Stocks held by merchants at Balasore amount to 87,336 maunds of rice.

Hazareebagh, 16th November 1877.—Supply of food-grains is ample. Little or no export. Prices are unaltered.

Lohardugga, 17th November 1877.—Supply of food-grains is abundant; exportation continues.

Singbhoom, 16th November 1877.—The supply of food-grains is plentiful. Coarse rice is sold at 32 seers per rupee. Exportation is insignificant.

Manbhoom, 17th November 1877.—Ample supply of food-grains. No exportation.

A. MACKENZIE,

Secy. to the Govt. of Bengal.

Rainfall, Weather, and State and Prospects of the Crops.

Statement showing Rainfall, Weather, and State and Prospects of the Crops in the different Districts of Bengal, as reported to Government during the week ending the 17th November 1877.

No.	District, and date of return.	Rainfall at Sudder Station in inches.	Character of the weather, state and prospects of the crops, and state of health at date.
BENGAL.			
<i>Western Districts.</i>			
BURDWAN DIVN.	1 Burdwan, Nov. 17 '77	Nil	No rain. No change in the prospects of the crops since last week. Fever is still very prevalent.
	2 Bankoora, „ 17 „	Nil	Weather—clear and cool. No change to report in the prospects of the crops. The cutting of the <i>man</i> crops is in progress.
	3 Beerbhoom, „ 19 „	Nil	Weather—fine; rather warm for the time of year. No change to report in the state and prospects of the crops.
	4 Midnapore, „ 17 „	Nil	Weather—seasonable though a little warm. Prospects of the crops are moderate. Fever is extensively prevalent, though not very fatal.
	5 Hooghly, „ 17 „	Nil	Weather—seasonable. Late rice on the high lands is suffering from want of rain. Sowings of <i>rubbee</i> crops are going on. Indigo, potato and <i>kalai</i> have germinated in places. Fever is prevalent.
	Howrah, „ 19 „	Nil	Weather—seasonable, with wind from the north. No improvement in the high-land crops; the rice in the low lands is good.
<i>Central Districts.</i>			
PRESIDENCY DIVN.	6 24-Pergunnahs, Nov. 17 '77	Nil	Weather—seasonable and fair. Prospects of the crops are good. Cholera is abating. Ordinary fever prevails at Barripore.
	7 Nuddea, „ 17 „	Nil	Weather—seasonable. No rain. <i>Amun</i> rice and winter crops are said to be promising well in all directions. Rain would however be advantageous. Cholera is still prevalent in Chooadangah.
	8 Jessore, „ 17 „	Nil	Weather—bright and clear. Mornings and nights are cold. Prospects are favourable, but a little more rain would have done a great deal of good to the <i>amun</i> crop. As it is, the <i>amun</i> on the higher lands will suffer much from the early cessation of the rain. The cold-weather crops in the ground are doing well. Fever of a severe type is prevalent throughout the district, and sporadic cases of cholera are heard of.
RAJSHAHY AND COCH BEHAR DIVN.	9 Moorshedabad, „ 17 „	Nil	Weather—somewhat too hot to be seasonable. Harvest prospects of <i>amun</i> rice continue generally favourable. State of spring crops is reported to be good. Cholera has appeared in four station circles, and there is much illness in Berhampore.
	10 Dinagepore, „ 16 „	Nil	Weather—seasonable. North-east wind prevailing. Rice is ripening fast, also the pulses. Fields have been prepared for mustard. Prospects are good.
	11 Rajshahye, „ 17 „	Nil	The cutting of <i>dhan</i> has commenced; the outturn of the crop is expected to be good. The condition of the <i>rubbee</i> crops is good. Fever is still prevalent in the district, and some cases of cholera have been reported.
	12 Rangpore, „ 16 „	Nil	Weather—seasonable. State and prospects of the crops continue to be excellent. Land is being ploughed for the <i>rubbee</i> . Cholera at Bhowanigunge shows no signs of extending itself; cases of mild ague are rather common.
	13 Bogra, „ 17 „	Nil	Weather—clear and moderately cold with heavy dew at night. No rain. <i>Amun</i> and other standing crops look promising, and will, it is hoped, turn out well. Gram, mustard, and <i>kalai</i> , are being sown. No change in the health of the district since the last report. Cholera of a bad type is still going on in parts of the district.
	14 Pubna, „ 17 „	Nil	Weather—fine and seasonable. State and prospects of the crops are good, but a little more rain is wanted for the <i>amun</i> crop. Fever is prevalent in the town. Report from Serajgunge not received.
	15 Darjeeling, „ 16 „	Nil	Bright weather during the early part of the week; towards the end it has been hazy and threatening rain. <i>Haimunti</i> rice is in ear and promises a very fair outturn. The minor crops of <i>kalai</i> , buck-wheat, and the millets, are all progressing favourably.
	16 Julpigoree, „ 17 „	Nil	Weather—seasonable. Nights are cool. Prospects of the winter rice are good. Transplantation of the tobacco plants has commenced. In some places lands are being prepared for mustard and wheat, and in some the sowing of the former is finished. Within Julpigoree station <i>kulti kalai</i> is already reaped. Public health is bad. Fever is prevalent in the town of Julpigoree.
	Cooch Behar, „ 15 „	Nil	Weather—fair and cool. Prospects of the crops are not bad. Public health is good.

No.	District, and date of return.	Rainfall at Sudder Station in inches.	Character of the weather, state and prospects of the crops, and state of health at date.
BENGAL.—(Continued.)			
Eastern Districts.			
DACCA DIVN.	17 Dacca, Nov. 18 '77	Nil	Weather—rather warm for the season. Prospects are favourable. Rice harvest is going on rapidly.
	18 Furreedpore, „ 17 „	Nil	Weather—fair but not so cold as usual at this time. No change in the prospects of the crops. Rain is required for the preparation of the ground for the cold weather crops. Winter rice is being cut; a half crop may be gathered.
	19 Backergunge, „ 15 „	Nil	The continued drought has undoubtedly damaged the <i>amun</i> crop, particularly on the high lands, but the general outturn will be 13 or 14 annas, provided there be no storm of wind when the ears are ripening. Prices still continue high. Fever in a sporadic form exists in many places. The health of the cattle is everywhere good.
	20 Mymensingh, „ 16 „	Nil	Weather—warm for the season of year. State and prospects of the crops are satisfactory.
	21 Tipperah, „ 16 „	Nil	Weather—fine and cool. Prospects of the winter rice are very good.
CHITTAGONG DIVN.	22 Chittagong, „ 15 „	Nil	Weather—close and hot on the 13th, 14th, and 15th; heavy clouds about, as if storm were brewing. State and prospects of the crops are very good.
	23 Noakholly, „ 15 „	Nil	Weather—seasonable. The <i>amun</i> crop is progressing favorably. Cultivation of the cold weather crops is going on. Public health is good.
	24 Chittagong Hill Tracts, „ 13 „	Nil	Weather—seasonable throughout the week. The paddy transplanted by the plough cultivators is ripening. Lands are being ploughed for mustard, tobacco, and other cold-weather crops.
	Hill Tipperah, „ 14 „	Nil	Weather—dry and cool. Some <i>amun</i> crops have been already cut; others are nearly ripe. Prices have fallen owing to the cutting of new crops.
BEHAR.			
PATNA DIVISION.	25 Patna, Nov. 17 '77	Nil	Weather—unusually hot for this time of year. A little rain would now do good, but the prospects of the crops continue fair.
	26 Gya, „ 17 „	Nil	Weather—clear, and latterly in the day time unusually hot for the time of year. Maximum thermometer in the shade 89°8'. Prospects of <i>khureef</i> and <i>rubbee</i> are unchanged. <i>Rubbee</i> sowings are nearly completed. <i>Kartika dhan</i> is being reaped and threshed. The outturn in Nowada is estimated at ten annas.
	27 Shahabad, „ 17 „	Nil	Weather—rather unseasonable, being hot during day. No rain throughout the district. In Bhubbobah the rice crop saved by irrigation is being reaped. <i>Rubbee</i> sowings are progressing favourably. Sugarcane is improving. In Baxar the <i>rubbee</i> is being sown and is germinating. The cultivators are taking canal water wherever available. In Sasseram the <i>rubbee</i> sown has germinated, but is suffering from want of rain, except in places where canal water is available. In the head-quarters sub-division the canal water has saved the rice crop. <i>Rubbee</i> sowings are being pushed on. Public health is good.
	28 Durbhunga, „ 17 „	Nil	Weather—seasonable. The <i>rubbee</i> is germinating well. The rice crop on high lands appears to fall under the average. Tobacco is growing well.
	29 Mozufferpore, „ 17 „	Nil	Weather—cool and clear. In the Sudder sub-division there is no change to report in the prospects of the rice crop. The young <i>rubbee</i> crops are in fair condition. In the Seetamarhee sub-division the prospects of the rice crop are getting worse day by day, and there is much want of moisture for the <i>rubbee</i> crops. Prospects of the crops in Turganee pergunnah, outpost Belsund, are fair. In the Hajeeopore sub-division the prospects of <i>dhan</i> and <i>rubbee</i> crops are good. Rain is wanted for the <i>rubbee</i> .
	30 Sarun, „ 17 „	Nil	Weather—bright and clear. No signs of rain. East wind prevailing. Prospects of the <i>rubbee</i> crops continue favourable, but rain is much wanted to promote their growth. <i>Aghani</i> rice that has been sown is fast ripening. Sugarcane is being cut and put into the mills. Indigo fields are being prepared for next year. Poppy is being sown. Prices are stationary. Public health is good.
	31 Champaran, „ 17 „	Nil	Weather—seasonable, but rather warmer than usual. State and prospects of the crops are generally bad. Much rice has been cut for fodder. Trustworthy information has now been had from over a large tract in the south. The rice crop is an almost complete failure here. The <i>bhadoi</i> was at best 6 annas, and the <i>kodo</i> , &c., reaped a little later, hardly better. About half the <i>rubbee</i> lands have been sown; and the seed that has been sown has come up badly, except in some few low-irrigated places. Unless moderate rain falls soon the seedlings cannot last, nor can anything be done with the lands now fallow. Opium prospects in this tract are much worse than in 1873-74; the seed is not thought likely to germinate over more than quarter of the cultivation.

No.	District, and date of return.	Rainfall at Sudder Station in inches.	Character of the weather, state and prospects of the crops, and state of health at date.
BEHAR.—(Continued.)			
BHAGULPORE DIVN.	32. Monghyr, Nov. 17 „	Nil	Weather—still hot with heavy dews at night. Prospects are the same as before. An eight-anna crop on the whole is expected.
	33. Bhagulpore, „ 18 „	Nil	Weather—cool in the morning and evening. Clear sky. Little wind. State and prospects of the crops are excellent. <i>Kartika</i> rice is being cut in places.
	34. Purneah, „ 17 „	Nil	Weather—fair. A fair outturn of the rice crop is expected. The <i>rubbee</i> prospects are also good. Fever is very prevalent.
	35. Maldah, „ 17 „	Nil	Weather—fair; rather hot for the time of year. State and prospects of the crops continue to be very fair on the whole. The highland rice in Khorba and Gajole is suffering somewhat, as was anticipated, from want of rain. Fever is very prevalent. A few sporadic cases of cholera reported.
	36. Sonthal Perghs., „ 18 „	Nil	Weather—warm. The rice crop is good everywhere. The highland rice in Deoghur is better than was expected. Rain will be wanted for the <i>rubbee</i> .
ORISSA.			
ORISSA DIVN.	37. Cuttack, Nov. 17 „	Nil	Weather—fine; rather warm for the time of year. No rain. In Jajpore and Kendrapara sub-divisions rain is wanted. <i>Laghu</i> crop is being cut, and the outturn is expected to be 14 annas. <i>Rubbee</i> crops are progressing fairly well. General health is good. Cholera is still reported from one Chukla and Kendrapara town.
	38. Pooree, „ 15 „	Nil	Weather—seasonable. In Khoordah rain is wanted for the high lands. The people of Khoordah are irrigating wherever they can. The <i>laghu</i> crop that survived the drought is being harvested. The <i>sarad</i> rice is in ear. Where irrigation is not possible in other parts of the district the rice plants on the higher lands are suffering. In general the <i>rubbee</i> , sugarcane, and other miscellaneous crops are thriving. In the tracts situated between the Chilka and the sea the condition of the people is worse than before. Nearly the entire rice crop will be lost for want of rain, and the outturn of <i>mandia</i> will for the same reason be but scanty. Relief is being given mainly from funds contributed by private individuals. Public health is good.
	39. Balasore, „ 16 „	Nil	Weather—clear and cold. Not more than a ten-anna crop is expected in most of the pergunnahs in the south of the district. Elsewhere the crops are fair.
CHOTA NAGPORE.			
South-West Frontier Agency.			
	40. Hazareebagh, Nov. 16 '77	Nil	Weather—seasonable. Settled fine. The wet crops are all being rapidly harvested. An average ten-anna crop is expected. Sugarcane promises well. <i>Rubbee</i> sowings are stopped for want of rain.
	41. Lohardugga, „ 17 „	Nil	Weather—seasonable and rapidly getting cold. No change to report. Harvest operations are in full swing. A fair general outturn of rice is expected over most of the district. More rain would do <i>rubbee</i> crops good, but so far prospects are on the whole moderately favourable in the Sudder sub-division. From Palamow prospects of <i>rubbee</i> crops are reported as uncertain.
	42. Singbhoom, „ 16 „	Nil	Weather—seasonable. The reaping of the <i>haimunti</i> paddy has now begun, and the anticipated yield for the entire district is reported to be eight annas. The cold-weather crops, as gram, wheat, pulses, and mustard, are doing well. Tusser culture is reported successful. The district is healthy.
	43. Manbhoom, „ 17 „	Nil	Weather—very cool and pleasant. No signs of rain. <i>Dhan</i> is being harvested and is reported a good average ten-anna crop. Rain is much needed for the <i>rubbee</i> crops, which are not promising.

Published for general information.

CALCUTTA, STATISTICAL DEPT.,
The 20th November 1877.A. MACKENZIE,
Secy. to the Govt. of Bengal.

RETAIL PRICES-CURRENT of Food-grains, Firewood, and Salt in the

Number.	DISTRICTS.	QUANTITIES PER RUPEE BY																	
		WHEAT.			BARLEY.			RICE, BEST SORT.			RICE, COMMON.			BULRUSH MILLET— CUMBOO, BAJRA.					
		Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.			
BENGAL.																			
Western Districts.																			
1	Burdwan	A	13 0	13 0	16 0	30 0	30 0	19 8	15 0	16 0	21 0	15 8	18 0	22 0	...	...	...
2	Bankoora	B	13 0	12 8	21 4	24 0	24 0	23 0	17 8	17 8	27 0	20 0	20 0	30 0	...	...	...
3	Beerbhoom	C	13 0	13 0	20 0	20 0	20 0	...	12 0	12 0	19 0	16 8	16 8	25 0	...	...	...
4	Midnapore	D	11 0	12 0	17 0	...	...	...	14 0	16 0	22 0	19 0	20 0	32 0	...	...	...
5	Hooghly	D	12 8	12 8	19 0	...	...	...	10 0	10 0	11 0	13 0	13 0	21 0	...	...	...
	Howrah		15 0	11 0	17 0	...	...	...	10 0	8 8	13 0	12 0	13 0	17 0	...	...	...
Central Districts.																			
	Calcutta	D1	13 0	13 5	17 0	20 0	20 0	30 0	8 6	8 0	9 0	13 5	12 0	17 0	...	...	...
6	24-Pergunnahs		...	...	...	...	...	...	7 4	6 4	8 0	10 0	9 12	15 4	...	...	...
7	Nuddea		13 5	12 13	17 4	20 1½	27 14	32 0	13 5	12 5	16 0	15 4	13 5	17 4	...	...	...
8	Jessore	E	11 0	11 0	20 0	...	...	32 0	9 0	9 0	17 0	15 0	14 0	23 0	...	...	...
9	Moorshedabad	F	13 0	13 0	20 0	32 0	25 0	32 8	10 0	10 0	16 0	14 0	14 0	22 0	...	...	...
		G	15 0	15 0	21 8	30 0	30 0	...	13 4	13 0	...	19 0	19 0	...	...	...	...
10	Dinapore		11 4	10 12	18 0	11 8	12 4	22 8	18 4	20 3	21 0	25 0	24 0	30 0	...	...	...
11	Rajshahiye	H	15 0	14 4	20 14	24 0	24 0	37 8	9 12	10 0	17 6	18 0	18 0	26 4	...	...	...
12	Rungpore		15 0	15 0	22 8	...	...	...	12 1½	12 1½	12 12	18 0	18 0	23 6	...	...	...
13	Bogra		12 0	12 0	24 0	...	...	...	13 0	12 0	20 0	21 0	18 4	26 4	...	...	...
14	Pubna	I	15 0	14 0	26 4	...	...	...	8 0	9 0	13 8	15 0	16 0	27 8	...	...	...
15	Darjeeling	J	8 0	8 0	8 0	8 0	8 0	8 0	4 8	4 0	5 0	12 0	10 0	12 0	...	...	...
16	Julpigoree	K	8 8	10 6	12 0	...	...	...	12 2	11 4	12 0	16 0	15 3	14 0	...	...	...
Eastern Districts.																			
17	Dacca	L	10 8	10 12	17 0	26 14	26 10	35 0	11 7	11 7	16 0	14 8	16 0	18 0	...	...	...
18	Furreedpore	M	14 0	16 0	26 0	30 0	30 0	...	10 8	8 0	19 0	16 0	14 0	30 0	...	...	...
19	Backergunge	N	...	...	...	...	...	...	10 0	10 0	13 4	13 0	12 0	15 0	...	...	...
20	Mymensingh	O	9 0	9 8	16 0	...	...	...	14 0	16 0	21 0	16 0	17 0	27 0	...	...	...

A In the interior the prices range as follow:—Wheat 10 to 15 seers, barley 32 seers, best rice 12½ to 18½ seers, common rice 14½ to 20 seers, and gram 13 to 18½ seers.

B In the interior the prices range as follow:—Wheat 12 to 15 seers, barley 18 to 36 seers, best rice 16 to 18 seers, common rice 17 to 22½ seers, maize or Indian-corn 20 to 32 seers, and gram 12 to 16½ seers.

C In the interior the prices range as follow:—Wheat 12 to 17 seers, best rice 14 to 22 seers, common rice 18 to 24 seers, and gram 15 to 24 seers.

D In the interior the prices range as follow:—Wheat 12½ to 18½ seers, barley 22 to 29½ seers, best rice 7 to 12 seers, common rice 12 to 14 seers, and gram 11 to 15 seers.

D1 In the interior the prices range as follow:—Wheat 11½ to 12½ seers, barley 20 to 24½ seers, best rice 6½ to 7½ seers, common rice 9 to 16 seers, and gram 14½ to 16 seers.

E In the interior the prices range as follow:—Wheat (at Bagirhat) 8 seers, best rice 9 to 13 seers, common rice 10 to 22 seers, and gram (at Jhingun Gatcha) 16 seers.

F In the interior the prices range as follow:—Wheat 15 seers, barley (at Lalbagh) 32 seers, best rice 11 to 14 seers, common rice 18 to 18½ seers, and gram 19 to 22 seers.

undermentioned Districts of Bengal for the Fortnight ending 15th November 1877.

THE SEER OF 80 TOLAHS.

GREAT MILLET— CHOLU, JOWAR.			LESSER MILLETS— RAGI OR MURWA AND CHRENA.			MAIZE OR INDIAN- CORN.			GRAM.			FIREWOOD.			SALT.			DISTRICTS.
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	
...	15 8	16 0	24 0	140 0	140 0	160 0	9 0	9 0	9 0	Burdwan.
...	32 0	30 0	43 0	13 8	13 0	22 0	440 0	400 0	480 0	8 8	8 8	8 12	Bankoora.
...	30 0	29 0	...	19 0	16 0	23 0	200 0	200 0	200 0	8 8	8 8	8 4	Beerbhoom.
...	14 0	13 8	24 0	200 0	200 0	260 0	9 0	9 0	9 0	Midnapore.
...	13 0	14 0	25 0	120 0	120 0	120 0	9 0	9 0	9 0	Hooghly.
...	16 0	13 0	20 0	120 0	110 0	120 0	10 0	10 0	9 4	Howrah.
Central Districts.																		
20 0	20 0	25 0	...	...	...	20 0	16 0	26 0	20 0	17 8	23 0	110 0	110 0	100 0	8 0	9 0	8 0	Calcutta.
...	13 4	14 8	20 0	120 0	120 0	80 0	9 4	9 4	9 0	24-Pergunnahs.
...	16 13½	16 0	27 14	100 0	90 0	100 0	9 6	9 6	9 2½	Nuddea.
...	16 0	16 0	30 0	110 0	110 0	120 0	8 0	8 0	8 0	Jessore.
...	20 0 to 22 0	20 0	32 0 to 35 0	120 0	120 0	140 0	7 0 to 9 0	7 0 to 9 0	4 0 to 9 0	Moorshedabad.
...	13 0	12 0	21 0	160 0	160 0	180 0	8 0	8 0	8 4	Dinapore.
...	18 0	19 0	23 0 to 28 12	240 0	240 0	320 0	9 0	9 0	9 0	Rajshahye.
...	15 0	15 0	20 0	107 0	107 0	107 0	8 1	8 1	7 8	Rungpore.
...	12 0	12 0	22 0	90 0	90 0	67 8	8 4	8 4	8 0	Bogra.
...	12 0 to 18 12	15 0	30 0	200 0	200 0	200 0	9 0	9 0	9 0	Pubna.
...	8 0	8 0	8 0	20 0	20 0	24 0	6 0	6 0	8 0	160 0	160 0	200 0	5 0	5 0	4 0	Darjeeling.
...	8 8	8 8	14 0	80 0	80 0	160 0	7 4	7 4	7 5	Julpigdee.
Eastern Districts.																		
...	13 5	11 7	25 0	80 0	80 0	100 0	8 14	9 0	8 14	Dacca.
...	11 0	20 0	20 0	...	...	...	9 0	9 0	8 0	Furreedpore.
...	13 0	12 0	20 0	100 0	100 0	100 0	8 8	8 8	8 8	Backergunge.
...	11 8	11 8	21 0	...	...	...	9 0	8 12	8 0	Mymensingh.

- G At Raygunge the prices are:—Wheat 12½ seers, best rice 17½ seers, common rice 24 seers, and gram 12½ seers.
H In the interior the prices range as follow:—Wheat 18 to 20 seers, best rice 12½ to 16 seers, common rice 18 to 20 seers, and gram 8 to 18 seers.
I In Serajgunge the prices are:—Wheat 10 seers, best rice 8 seers, common rice 15 seers, and gram 10 seers.
J In the interior the prices range as follow:—Wheat 5 to 6 seers, best rice 6 to 13 seers, common rice 12 to 16 seers, maize or Indian-corn 18 to 40 seers, and gram 9 to 13 seers.
K In the interior the prices range as follow:—Wheat 9 to 10 seers, best rice 5 to 10 seers, common rice 10½ to 18 seers, and gram 8 to 10 seers.
L In the interior the prices range as follow:—Best rice 10 to 13½ seers, common rice 13 to 16 seers, and gram 11½ to 16 seers.
M In the interior the prices range as follow:—Wheat (at Goalundo) 16 seers, barley (at Goalundo) 40 seers, best rice 11 to 13 seers, common rice 13 to 17 seers, and gram 12 to 16 seers.
N In the interior the prices range as follow:—Best rice 9 to 10 seers, common rice 10 to 14 seers, and gram 12 to 13 seers.
O In the interior the prices range as follow:—Wheat 12½ to 16 seers, best rice 9 to 10½ seers, common rice 13 to 19 seers, and gram 10 to 16 seers.

RETAIL PRICES-CURRENT of Food-grains, Firewood, and Salt in the under-

Number.	DISTRICTS.	QUANTITIES PER RUPEE BY																	
		WHEAT.			BARLEY.			RICE, BEST SORT.			RICE, COMMON.			BULBUSH MILLET— CUMBOO, BAJRA.					
		Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.			
Eastern Districts—(Contd.)		S. Ch	S. Ch	S. Ch	S. Ch	S. Ch	S. Ch	S. Ch	S. Ch	S. Ch	S. Ch	S. Ch	S. Ch	S. Ch	S. Ch	S. Ch	S. Ch		
21	Chittagong.*																		
22	Noakholly.*																		
23	Tipperah	10 0	9 0	14 0	...	...	...	10 8	10 8	13 0	14 8	14 8	23 0	...	...	...	...
24	Chittagong Hill Tracts.*																		
	Hill Tipperah	8 5	8 5	10 0	...	...	...	15 0	13 5	16 0	19 0	16 0	32 0	...	...	...	...
BEHAR.																			
25	Patna	17 8	17 8	24 0	25 0	22 0	30 0	10 8	10 8	13 0	16 0	15 0	19 0	...	...	...	...
26	Gya	18 8	18 8	20 0	27 8	26 0	26 8	11 8	11 8	11 8	15 0	15 0	21 0	...	...	...	...
27	Shahabad	$\left. \begin{matrix} P \\ Q \\ 16\ 0 \\ to \\ 16\ 0 \end{matrix} \right\}$	16 8	22 0	21 0	21 0	20 0	11 0	12 8	10 0	13 8	14 0	20 0	...	...	...	...
28	Durbhunga	16 8	16 8	19 0	22 0	22 0	33 0	11 0	11 8	14 4	13 8	14 12	22 0	...	...	...	...
29	Mozufferpore	R 15 0	15 0	19 0	22 8	21 0	...	10 0	10 0	12 0	12 0	12 0	17 0	...	...	...	...
30	Saran	13 8	13 8	19 12	21 0	20 0	31 0	7 8	7 8	10 8	11 8	11 8	19 4	...	...	...	...
31	Chumparan	S 15 0	15 0	18 0	20 0	...	...	7 0	10 0	8 8	12 0	14 0	24 0	...	...	...	...
32	Monghyr	14 7	14 7	23 1	25 2	25 2	29 4	10 6	11 10	13 6	14 7	15 7	17 8	...	...	...	...
33	Bhagulpore	T U 15 2	13 4	18 15	24 0	20 3	25 4	11 5	12 0	17 11	13 14	15 2	18 15	...	...	...	...
34	Purneah	14 0	$\left\{ \begin{matrix} 13\ 0 \\ to \\ 16\ 0 \end{matrix} \right\}$	21 0	...	...	...	14 0	14 0	$\left\{ \begin{matrix} 13\ 0 \\ to \\ 21\ 0 \end{matrix} \right\}$	20 0	20 0	30 0	...	...	...	...
35	Maldah	15 0	14 0	22 0	32 8	30 0	45 0	17 0	17 0	25 0	18 0	20 0	26 0	28 0	28 0	32 0	32 0		
36	Sonthal Pergunnahs	V 13 0	11 8	...	...	...	...	13 0	11 8	18 0	14 0	14 0	21 0	...	...	35 0	35 0
ORISSA.																			
37	Cuttack	14 7	13 12	19 11	...	...	...	10 8	10 8	15 12	15 12	15 12	23 10	...	...	...	...
38	Pooree	14 7	11 13	18 6	...	...	...	7 14	7 14	15 12	10 8	13 2	21 0	...	...	...	...
39	Balasore.*																		
CHOTA NAGPORE.																			
South-Western Frontier Agency.																			
40	Hazareebagh	W 17 0	17 0	19 8	...	27 0	21 0	12 0	11 0	12 0	20 0	19 0	26 0	...	...	...	...
41	Lohardugga	X 15 0	18 0	20 0	22 0	22 0	30 0	16 0	14 0	24 0	24 0	$\left\{ \begin{matrix} 16\ 0 \\ to \\ 24\ 0 \end{matrix} \right\}$	30 0	...	...	...	...
42	Singbhoom	20 0	20 0	26 0	40 0	40 0	32 0	20 0	20 0	20 0	32 0	32 0	40 0	...	...	...	...
43	Manbhoom *	Y 14 0	15 0	16 0	30 0	30 0	...	16 0	16 0	18 0	23 0	22 0	30 0	...	...	...	...

* Returns not received.

† In Jajpore and Kendrapara rice is procurable at 21 seers per rupee.

P In the interior the prices range as follow:—Wheat 17 to 21½ seers, barley 25 to 31 seers, best rice (at Jehanabad) 10 seers, common rice 13½ to 18 seers, lesser millets 30 seers, maize or Indian-corn 27½ to 29 seers, and gram 21 to 28 seers.

Q In the interior the prices are as follow:—Wheat 12½ to 16 seers, barley 17 to 21½ seers, best rice 8 to 10 seers, common rice 12 to 14½ seers, maize or Indian-corn 19 to 22 seers, and gram 18 to 22 seers.

R In the interior the prices range as follow:—Wheat 16½ to 23 seers, barley 20 to 26 seers, best rice 10 to 19½ seers, common rice 12½ to 20 seers, lesser millets 20 to 30 seers, maize or Indian-corn 20 to 40 seers, and gram 20 to 34 seers.

S In the interior the prices range as follow:—Wheat 12 to 17 seers, barley 15 to 25 seers, best rice 7½ to 11½ seers, common rice 10 to 13 seers, lesser millets 22 to 25 seers, maize or Indian-corn 16½ to 22½ seers, and gram 12 to 22½ seers.

CALCUTTA,

The 20th November 1877.

mentioned Districts of Bengal for the Fortnight ending 15th November 1877.—(Continued.)

THE SEER OF 80 TOLAHS.

GREAT MILLET— CHOLU, JOWAR.			LESSER MILLETS— RAGI OR MURWA AND CHEENA.			MAIZE OR INDIAN- CORN.			GRAM.			FIREWOOD.			SALT.			DISTRICTS.
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	
...	11 0	11 0	19 0	...	...	...	9 0	9 0	8 4	Chittagong.*
...	Noakholly.*
...	11 0	11 0	19 0	...	...	...	9 0	9 0	8 4	Tipperah.
...	9 5	9 5	10 6	...	...	...	8 0	8 0	8 0	Chittagong Hill Tracts.*
...	Hill Tipperah.
...	BEHAR.
...	25 0	23 0	42 8	21 0	20 0	32 8	150 0	150 0	140 0	8 0	8 0	8 0	Patna.
...	29 0	29 0	35 8	25 0	25 0	51 8	23 0	23 0	25 0	160 0	160 0	160 0	8 0	8 0	8 0	Gya.
20 0	22 0	30 0	20 0	23 0	...	...	...	30 0	19 8	19 0	30 0	180 0	180 0	160 0	9 0	9 0	8 0	Shahabad.
...	25 4	26 4	35 8	25 4	26 12	38 8	19 8	20 12	33 0	176 0	176 0	198 0	8 0	8 0	7 10	Durbhunga
...	21 0	25 0	40 0	16 0	17 0	27 0	160 0	160 0	140 0	8 0	8 4	8 0	Mozufferpore.
...	20 0	20 0	34 0	18 0	20 0	36 4	18 0	18 0	31 0	160 0	160 0	160 0	8 8	8 8	8 8	Sarun.
...	36 0	20 0	24 0	40 0	19 0	20 0	25 0	...	...	...	8 0	8 0	7 12	Chumparun.
...	25 2	25 2	42 0	21 0	21 0	31 5	126 0	126 0	147 0	8 4	8 4	8 4	Monghyr.
...	23 0	25 4	35 12	21 7	18 15	29 0	151 9	151 9	157 13	8 3	8 3	8 13	Bhagulpore.
...	14 0	13 0 to 15 0	25 0	160 0	160 0	160 0	8 0	8 0	8 0	Purneah.
...	32 0	32 0	50 0	16 0	16 0	30 0	130 0	130 0	160 0	8 4	8 4	8 4	Maldah.
...	35 0	50 0	35 0	18 0	16 0	22 0	200 0	200 0	240 0	8 0	8 0	8 0	Sonthal Pergas.*
...	ORISSA.
...	21 0	21 0	21 0	...	...	...	18 6	18 6	23 10	200 0	200 0	200 0	12 0	11 0	13 0	Cuttack.
...	18 12	15 12	21 0	105 0	105 0	125 0	10 8	10 0	11 13	Pooree.
...	Balasore.*
...	CHOTA NAGPORE.
...	30 0	32 0	48 0	29 0	27 0	34 0	27 0	22 0	23 0	240 0	240 0	200 0	8 0	8 0	8 0	South-Western Frontier Agency.
...	36 0	34 0	60 0	30 0	32 0	50 0	23 0	24 0	15 0	160 0	160 0	160 0	7 0	7 8	7 0	Hazareebagh.
...	26 0	26 0	20 0	320 0	320 0	320 0	6 8	6 8	6 0	Lohardugga.
...	64 0	64 0	64 0	40 0	40 0	40 0	20 0	16 0	20 0	160 0	160 0	240 0	8 0	8 0	8 0	Singbloom.
...	Manbhoom.*

T In the interior the prices range as follow:—Wheat 15 to 20 seers, barley (at Banka) 20 seers, best rice 16 seers, common rice 17½ seers, murwa (at Mudehpura) 35 seers, maize or Indian-corn (at Banka) 28 seers, and gram (at Banka) 17 seers.

U In the interior the prices range as follow:—Wheat 14 to 18 seers, best rice 13½ to 17 seers, common rice 20 to 25 seers, and gram 14 seers.

V In the interior the prices range as follow:—Wheat 13 to 15 seers, best rice 16 to 21 seers, common rice 18 to 22 seers, maize or Indian-corn 32 to 45 seers, and gram 16 to 24 seers.

W In the interior the prices range as follow:—Wheat 16 to 20 seers, barley 25 to 27 seers, best rice (at Chuttra) 12 seers, common rice 16 to 20 seers, lesser millets 30 to 35 seers, maize or Indian-corn 25½ to 30 seers, and gram 18 to 25 seers.

X At Daltongunge the prices on the 12th November were:—Wheat 27 seers, best rice 15-25 seers, common rice 20-75 seers, and makai 40 seers.

Y In the interior the prices range as follow:—Wheat 13 to 16 seers, best rice 16 to 24 seers, common rice 18 to 26 seers, maize or Indian-corn 28 to 40 seers, and gram 14 to 16 seers.

Published for general information.

A. MACKENZIE,
Secy. to the Govt. of Bengal.

WHOLESALE PRICES-CURRENT of Food-grains, Firewood, and Salt

Number.	MARTS.	PRICES PER MAUND														
		WHEAT.			BARLEY.			RICE, BEST SORT.			RICE, COMMON.			BULRUSH MILLET— CUMBOO BAJRA.		
		Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
		R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.
1	Calcutta ...	3 2 0	3 0 0	...	1 12 6	2 0 0	...	4 12 0	5 0 0	...	3 0 0	3 4 0	...	...	...	...
2	Serajunge ...	3 12 0	3 0 0	...	...	...	...	4 8 0	4 12 0	...	2 5 0	2 6 6	...	...	...	...
3	Dacca ...	3 5 0	3 10 0	...	1 8 0	1 8 0	...	2 14 0	3 6 0	...	2 8 0	2 6 0	...	...	...	...
4	Naraingunge...	...	...	...	...	...	...	2 14 0	3 0 0	...	2 10 0	2 8 0	...	...	...	...
5	Chittagong.*															
6	Patna ...	2 5 0	2 4 0	...	1 9 0	1 13 0	...	3 12 0	3 13 0	...	2 8 0	2 10 0	...	...	...	...
7	Balasore.*															
8	Pooree ...	...	...	...	...	...	...	...	...	...	3 2 0	2 14 0	...	...	...	...
9	Cuttack ...	2 8 0	2 10 0	...	...	...	...	3 10 0	3 8 0	...	2 5 0	2 4 0	...	...	...	...

* Returns not received.

CALCUTTA,
The 20th November 1877.

in the undermentioned *Marts* of Bengal for the Fortnight ending 15th November 1877.

OF 40 SEERS.

GREAT MILLET— CHOLUM, JOWAR.			LESSER MILLETS— RAGI OR MURWA AND CHRENA.			MAIZE OR INDIAN CORN.			GRAM.			FIREWOOD.			SALT.			MARTS.
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	
R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	
2 0 0	2 0 0	...	...	...	...	2 0 0	2 8 0	...	2 0 0	2 6 0	...	0 6 0	0 6 0	...	4 0 0	4 0 0	...	Calcutta.
...	3 8 0	3 12 0	...	...	...	...	4 8 0	4 5 0	...	Serajunge.
...	3 0 0	3 4 0	...	0 6 0	0 6 0	...	4 6 0	4 2 0	...	Dacca.
...	3 3 0	3 2 6	...	0 7 0	0 6 0	...	4 2 3	4 2 0	...	Naraingunge.
...	Chittagong.*
...	1 10 0	1 12 0	...	1 14 0	2 0 0	...	...	...	...	...	...	...	Patna.
...	2 0 0	2 8 0	...	0 4 0	0 4 0	...	3 12 0	3 12 0	...	Balasore.*
...	1 11 0	1 11 0	...	...	...	...	2 0 0	2 0 0	...	0 3 0	0 3 4	...	3 3 0	3 6 0	...	Pooree.
...	Cuttack.

Published for general information.

A. MACKENZIE,
Secy. to the Govt. of Bengal.

STATEMENT SHOWING SEASONAL RAINFALL FOR EACH SUB-DIVISION IN BENGAL.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
NAMES OF DIVISIONS AND DISTRICTS.			REGISTERED RAINFALL IN INCHES AT ALL THE STATIONS NAMED IN COLUMN 2.																	
Names of stations.			Fall to end of April (4 months).		Fall to end of June (6 months).		Fall to end of August (8 months).		Fall in September (1 month).		Fall to end of September (9 months).		Fall in October (1 month).		Fall to end of October (10 months).		Fall after October and to end of December (2 months).		Total fall of the year.	
Number of years the total rainfall was taken for the average fall per annum.			Average of years, as per column 3.	Fall in 1877.	Average of years, as per column 3.	Fall in 1877.	Average of years, as per column 3.	Fall in 1877.	Average of years, as per column 3.	Fall in 1877.	Average of years, as per column 3.	Fall in 1877.	Average of years, as per column 3.	Fall in 1877.	Average of years, as per column 3.	Fall in 1877.	Average of years, as per column 3.	Fall in 1877.	Average of years, as per column 3.	Fall in 1877.
Burdwan Division.																				
Burdwan	Burdwan	14-15	6.15	5.74	21.73	18.47	43.95	45.35	8.31	2.57	51.45	48.12	5.40	2.20	59.86	59.32	0.73	.....	60.62	.....
	Culwa	6-7	4.65	9.06	21.13	22.99	43.10	53.97	7.81	7.07	50.91	63.04	3.74	2.65	51.65	53.69	0.05	.....	54.79	.....
	Culina	6-7	4.88	7.05	17.79	18.39	39.51	47.38	5.28	2.71	44.79	50.00	4.27	3.03	49.06	53.12	0.31	.....	49.37	.....
	Bood-Bood	6-7	3.97	3.94	16.73	12.23	39.18	40.12	8.19	5.43	47.37	45.58	4.43	1.63	51.79	47.21	0.19	.....	51.98	.....
	Raneegunge	7	3.19	4.24	17.93	13.92	37.38	43.43	6.31	10.34	43.89	55.79	3.28	2.40	47.17	55.28	0.27	.....	47.44	.....
Bankura	Jehanabad	5-6	4.93	7.58	19.88	25.06	41.35	66.88	11.47	9.49	53.82	76.37	6.21	3.93	67.03	78.40	0.69	.....	69.12	.....
	Bankura	17-19	4.84	4.76	18.36	14.93	41.56	39.66	8.93	11.39	59.19	59.36	5.29	3.55	55.48	54.51	1.38	.....	56.86	.....
	Sooty	13-14	2.99	6.15	14.93	13.89	40.52	45.42	9.79	12.23	49.91	55.05	4.18	1.15	51.09	50.80	0.25	.....	54.35	.....
	Hemapore	2	3.48	7.37	31.69	17.06	69.40	43.12	10.61	12.23	71.91	55.35	2.59	2.13	70.51	57.18	.....	.....	73.51	.....
	Midnapore	11-13	4.39	10.22	21.31	24.30	43.84	49.02	8.65	2.99	52.59	43.01	6.14	1.18	58.04	44.19	0.44	.....	59.03	.....
Hooghly	Tumlook	6	7.05	8.49	22.95	16.52	47.12	49.13	8.14	4.17	45.26	44.39	6.39	0.99	61.43	44.90	0.22	.....	61.68	.....
	Contai	9-10	4.32	8.95	29.34	29.00	46.05	55.19	13.10	5.72	59.75	60.91	11.85	3.27	71.69	64.18	1.50	.....	73.19	.....
	Hooghly	13	7.95	6.58	23.33	21.16	48.11	46.06	7.88	4.98	55.99	59.74	3.94	3.97	59.93	54.71	0.56	.....	60.49	.....
	Seraampore	5-6	5.58	8.54	18.62	29.53	41.65	46.28	6.97	3.86	44.52	50.14	5.69	5.12	54.21	55.26	0.42	.....	54.63	.....
	Howrah	8-9	7.11	10.48	23.77	19.94	49.75	51.95	10.00	6.61	39.76	58.56	5.05	3.03	64.81	61.59	0.45	.....	65.36	.....
Presidency Division.																				
24-Pergunnas	Saugor Island	9-10	3.50	7.25	29.94	21.27	49.83	55.58	13.97	.....	65.90	.....	10.94	.....	73.84	.....	0.71	.....	74.55	.....
	Alipore (Jail)	6-7	6.31	9.07	22.92	19.35	49.22	52.90	9.09	8.88	55.31	61.78	6.29	1.34	61.90	63.12	0.39	.....	64.99	.....
	Busserhat	6-7	5.38	7.39	20.71	23.23	44.25	49.81	7.75	8.79	52.00	58.00	7.75	3.89	52.80	60.36	0.36	.....	56.36	.....
	Baraset	6-7	5.97	7.84	21.19	21.19	42.57	46.09	7.32	6.49	46.89	52.58	7.02	3.58	53.09	56.16	0.53	.....	55.91	.....
	Diamond Harbour	6-7	6.25	11.39	21.52	31.83	49.75	57.64	11.52	6.69	61.27	63.73	7.92	2.88	68.29	69.61	0.52	.....	68.81	.....
Calcutta	Baranod	6-7	4.45	8.03	29.86	29.86	48.72	69.04	9.28	8.81	58.00	68.85	6.94	3.57	61.94	72.42	1.45	.....	66.39	.....
	Saltkila	6-7	8.20	12.82	25.72	31.34	47.56	60.82	7.78	10.11	55.34	79.93	4.15	4.23	59.49	77.16	0.99	.....	69.48	.....
	Baranod	6-7	6.82	7.73	21.56	21.11	41.49	47.73	6.16	4.33	47.65	52.03	4.85	4.85	51.73	56.91	1.08	.....	52.81	.....
	Dum-Dum	6-7	5.51	7.91	29.88	16.39	44.67	44.56	8.94	6.27	55.21	59.81	5.17	3.79	55.38	54.53	0.28	.....	58.66	.....
	.....	47-48	5.06	6.79	22.57	16.02	49.29	47.39	10.18	8.98	59.47	56.37	5.61	2.40	63.08	58.77	0.88	.....	65.96	.....
Nuddea	Kishinagar	12-14	6.58	12.32	25.14	25.49	45.47	65.00	6.85	1.91	53.32	66.91	4.24	2.37	59.56	69.43	0.22	.....	56.78	.....
	Kishinagar	6-7	5.32	12.30	21.63	29.46	44.34	67.31	6.95	5.37	51.29	72.71	3.93	3.98	56.14	75.70	0.46	.....	56.69	.....
	Meherpore	6-7	5.32	10.62	21.73	24.74	42.85	69.60	6.98	6.21	49.43	72.81	3.86	0.93	52.79	73.76	0.97	.....	53.69	.....
	Choochibangla	6-7	5.27	11.82	25.86	25.45	43.67	63.02	8.29	6.94	51.06	71.96	1.93	1.93	55.61	73.29	0.98	.....	53.69	.....
	Koochibangla	6-7	5.00	7.82	22.63	26.39	42.92	78.44	8.13	16.35	61.05	94.79	8.44	1.25	61.49	96.94	0.14	.....	54.63	.....
Haughat	Haughat	6-7	5.75	8.45	29.89	19.03	49.25	58.23	6.10	3.21	46.35	61.44	3.41	2.52	49.76	64.26	0.30	50.00

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Weekly Report of Rainfall compiled at the Meteorological Reporter's Office.

DIVISIONS.	DISTRICTS.	STATIONS.	Rain from 28th Oct. to 3rd Nov. 1877.	Rain from 4th Nov. 1877.	RAIN FROM 1ST JANUARY 1877.		REMARKS.		
					Inches.	Up to date.			
BENGAL.									
BURDWAN.	WESTERN DISTRICTS.		Inches.	Inches.	1877.				
		Burdwan ...	Nil	Nil	50.32	10th Nov.			
		Cutwa ...	ditto	ditto	65.69	ditto			
		Culna ...	ditto	ditto	53.12	ditto			
		Bood-Bood ...	ditto	ditto	47.21	ditto			
		Raneegunge ...	ditto	ditto	58.00	ditto			
		Jehanabad ...	ditto	ditto	79.34	ditto			
		Bankoora ...	ditto	ditto	54.51	ditto			
		Beerbhoom ...	Sooree ...	ditto	Not recd.	56.85	3rd Nov.		
			Hetampore ...	ditto	ditto	57.48	ditto		
		Roypore ...	ditto	ditto	53.42	ditto			
	MIDNAPORE.		Midnapore ...	ditto	Nil	45.95	ditto		
			Tumlook ...	ditto	ditto	43.90	ditto		
			Ghattal ...	ditto	ditto	63.61	ditto		
			Contai... { Dy. Collr.'s Office...	ditto	ditto	75.44	ditto		
				Exe. Engr.'s Office	ditto	ditto	64.99	ditto	
			Hooghly ...	0.02	ditto	54.97	ditto		
			Serampore ...	Nil	0.68	55.84	ditto		
			Howrah ...	0.20	Nil	61.78	ditto		
			Maheshreka ...	Nil	ditto	61.65	ditto		
CENTRAL DISTRICTS.									
PRESIDENCY.	24-PERGUNNAHS.	Saugor Island ...	0.10	ditto	74.54	ditto			
		Calcutta ...	Not recd.	Not recd.	61.22	27th Oct.			
		Alipore ... { Dispensary	0.02	Nil	64.75	10th Nov.			
		Jail ...	Nil	ditto	63.53	ditto			
		Busseerhat ...	0.24	ditto	60.19	ditto			
		Baraset ...	0.07	ditto	56.23	ditto			
		Diamond Harbour ...	Nil	ditto	66.71	ditto			
		Barripore ...	ditto	0.25	72.67	ditto			
		Satkhira ...	ditto	Nil	75.16	ditto			
		Barrackpore ...	0.52	ditto	57.43	ditto			
		Dum-Dum ...	Nil	0.41	54.94	ditto			
		Kishnaghur ...	0.09	0.12	69.69	ditto			
		Bongong ...	Nil	Nil	75.77	ditto			
		Meherpore ...	ditto	ditto	73.67	ditto			
		Chooadanga ...	ditto	ditto	74.15	ditto			
		Kooshtea ...	ditto	0.03	96.57	ditto			
		Ranaghat ...	ditto	Nil	64.24	ditto			
		Jessore ...	ditto	ditto	68.14	ditto			
		Narail ...	0.50	ditto	71.83	ditto			
		Khoolna ...	0.29	ditto	73.62	ditto	Not received 21st to 27th October.		
	Jhenida ...	Nil	0.23	74.25	ditto				
	Bagirhat ...	0.06	Nil	77.44	ditto				
	Magoorah ...	Nil	ditto	81.21	ditto				
	Berhampore ...	ditto	ditto	62.95	ditto				
	Rampore Haut ...	ditto	ditto	60.44	ditto				
	Lalbagh ...	ditto	ditto	64.88	ditto				
	MOORSHEDABAD.	Jungypore ...	ditto	ditto	52.04	ditto			
		Azimungunge ...	ditto	ditto	63.41	ditto			
		Laligolla ...	ditto	ditto	54.46	ditto			
		Kandee ...	ditto	ditto	62.27	ditto			
		Dinagepore ...	ditto	ditto	66.71	ditto			
		Raigunge ...	ditto	ditto	58.61	ditto			
		Maldah ...	ditto	ditto	73.40	ditto			
		Chanchal ...	ditto	ditto	54.11	ditto			
		Bauleah ...	ditto	ditto	77.58	ditto			
		Natore ...	ditto	ditto	80.50	ditto			
	RAJSHAHYE.	Rungpore ...	ditto	ditto	90.94	ditto			
		Bhabanigunge ...	ditto	ditto	64.86	ditto			
		Kurigram ...	ditto	ditto	80.28	ditto			
		Bagdogra ...	Not recorded.	ditto	24.08	ditto	Not recorded 3rd June to 3rd November.		
Bogra ...		0.65	ditto	75.04	ditto				
Sherpore ...		1.35	ditto	78.05	ditto				
Nowkhilla ...		Nil	ditto	75.43	ditto				
Panchabibi ...		ditto	ditto	54.88	ditto				
Halulya ...		ditto	ditto	64.61	ditto	Not recorded 9th to 15th September.			
Pubna ...		ditto	Not recd.	98.30	ditto				
	Serajungunge ...	ditto	Nil	78.34	ditto				
DARJEELING.	Darjeeling { Telegraph Office	ditto	Not recd.	95.99	3rd Nov.				
	Hospital ...	ditto	Nil	105.14	10th Nov.				
COOCH BEHAR.	Julpigoree ...	ditto	ditto	94.20	ditto				
	Bodah ...	ditto	ditto	66.96	ditto				
	Buxa—Civil Surgeon's Office	ditto	ditto	185.38	ditto				
	Titalya ...	ditto	ditto	86.08	ditto				
	Cooch Behar Tributary States.	Cooch Behar ...	ditto	ditto	107.38	ditto			

DIVISIONS.	DISTRICTS.	STATIONS.	Rain from 28th Oct. to 3rd Nov. 1877.	Rain from 4th Nov. to 10th Nov. 1877.	RAIN FROM 1st JANUARY 1877.		REMARKS.	
					Inches.	Up to date.		
BENGAL—continued.								
Dacca.	EASTERN DISTRICTS.		Inches.	Inches.	1877.			
		Dacca ... {	Telegraph Office...	Nil	Not recd.	85.12	3rd Nov.	
			Hospital ...	ditto	Nil	87.96	10th Oct.	
		{	Moonsheegunge ...	2.01	ditto	125.78	ditto	
			Manickgunge ...	0.22	ditto	80.16	ditto	
		Furzedpore ... {	Furzedpore ...	Nil	ditto	96.36	ditto	
			Goalundo ...	ditto	ditto	88.36	ditto	
			Madaripore ...	0.74	ditto	90.11	ditto	
		Backergunge ... {	Burrisal ...	0.45	ditto	87.98	ditto	
			Perozepore ...	0.16	ditto	94.38	ditto	
			Patoakbally ...	1.13	0.15	104.31	ditto	
			Bhola ...	Nil	Nil	95.82	ditto	From 4th February.
		Mymensingh ... {	Mymensingh ...	0.45	ditto	114.48	10th Nov.	
			Jamalpur ...	Nil	ditto	88.84	ditto	
			Atia ...	ditto	ditto	88.65	ditto	
			Kishoregunge ...	0.48	ditto	95.08	ditto	
CHITTAGONG.	CHITTAGONG.	{	Telegraph Office	0.10	ditto	111.90	ditto	
			Jail ...	0.11	0.10	124.98	ditto	
			Cox's Bazar ...	2.82	0.04	148.52	ditto	
		{	Noakholly ...	0.20	Nil	122.47	ditto	
			Fenny ...	Nil	0.16	128.67	ditto	
		{	Comillah ...	0.65	0.03	103.70	ditto	
			Brahmunbariah ...	1.38	Nil	91.29	ditto	
		Chittagong Tracts. Hill	Rungamatee Hill...	0.56	0.05	133.06	ditto	
		Hill Tipperah	Hill Tipperah ...	1.10	Nil	83.65	ditto	
		BEHAR.						
PATNA.	PATNA.	{	Patna ...	Nil	ditto	31.12	ditto	
			Behar ...	ditto	ditto	43.24	ditto	
			Barh ...	ditto	ditto	40.19	ditto	
			Dinapore ... {	Jail ...	ditto	Not recd.	21.42	3rd Nov.
		{	Cantonment...	ditto	Nil	23.18	10th Nov.	
			Gya ...	0.08	ditto	43.61	ditto	
			Nowadah ...	Nil	ditto	45.71	ditto	Not recorded 18th to 24th September.
			Aurungabad ...	ditto	ditto	27.95	ditto	Not recorded 12th January and 4th to 10th February.
		{	Jehanabad ...	ditto	ditto	26.73	ditto	
			Arrah ...	ditto	ditto	28.37	ditto	
			Sasseram ...	ditto	ditto	26.69	ditto	
			Buxar ...	ditto	ditto	22.20	ditto	
		{	Bhuboah ...	ditto	ditto	26.69	ditto	Not received 19th to 25th August.
			Mozufferpore ...	Not recd.	Not recd.	27.38	27th Oct.	
			Hajepore ...	ditto	ditto	40.35	ditto	
			Seetamurhee ...	ditto	ditto	34.37	ditto	
		{	Durbhunga ...	Nil	Nil	53.34	10th Nov.	
			Mudhoobunnee ...	ditto	ditto	48.49	ditto	
			Tajpore ...	ditto	ditto	32.14	ditto	
		{	Chupra ...	ditto	ditto	26.69	ditto	
			Sewan ...	ditto	ditto	31.38	ditto	
		Chumpanan ... {	Motiharee ...	ditto	ditto	27.31	ditto	
			Bettiah ...	ditto	ditto	35.41	ditto	
			Segowlie ...	ditto	ditto	37.28	ditto	
		Monghyr ... {	Monghyr ...	ditto	ditto	39.46	ditto	
			Begoeserai ...	ditto	ditto	33.05	ditto	
			Jamoeoe ...	ditto	ditto	33.77	ditto	
Bhagulpore ... {	Bhagulpore ...	ditto	Not recd.	51.05	3rd Nov.			
	Sopool ...	ditto	ditto	44.31	ditto			
	Muddehpooa ...	ditto	ditto	50.59	ditto			
	Banka ...	ditto	ditto	45.10	ditto			
	Sonbursa ...	ditto	ditto	39.40	ditto			
Purneah ... {	Purneah ...	ditto	Nil	55.33	10th Nov.			
	Kissengunge ...	ditto	ditto	65.84	ditto			
	Arrareah ...	ditto	ditto	60.95	ditto			
Sonthal Pergunnahs {	Nya Doomka ...	ditto	ditto	63.13	ditto			
	Rajmelial ...	ditto	ditto	55.30	ditto			
	Deoghur ...	ditto	ditto	55.24	ditto			
	Godda ...	ditto	ditto	43.77	ditto	Not recd. 30th Sept. to 6th October.		

DIVISIONS.	DISTRICTS.	STATIONS.	Rain from 28th Oct. to 3rd Nov. 1877.	Rain from 4th to 10th Nov. 1877.	RAIN FROM 1st JANUARY 1877.		REMARKS.
					Inches.	Up to date.	
ORISSA.	Cuttack	Cuttack... { Telegraph Office	0.40	Nil	38.40	10th Nov.	
		... { Hospital	0.45	Not recd.	41.13	3rd Nov.	
		Jajpore	0.90	ditto	53.55	ditto	
		Kendraparah	Nil	ditto	50.63	ditto	
		Jagatsingapore	ditto	ditto	37.45	ditto	
		False Point	ditto	Nil	79.20	10th Nov.	
		Pooree	0.52	ditto	35.15	ditto	
		Khurdah	0.19	ditto	42.67	ditto	
		Balasore—Collector's Office	0.11	ditto	66.72	ditto	
		Bhadrack	0.01	ditto	55.81	ditto	
	Balasore	Jellasure	Nil	ditto	67.91	ditto	
		Sorah	0.10	ditto	54.83	ditto	
		Chandbally	0.34	ditto	54.34	ditto	
		Sumbalpure	0.65	ditto	66.74	ditto	
	Cuttack Tributary Mehals.						
	CHOTA NAGPORE.						
	SOUTH-WESTERN FRONTIER AGENCY.						
	Hazareebagh	Hazareebagh... { Jail	0.12	ditto	44.45	ditto	
		... { Dispensary	0.10	ditto	48.13	ditto	
		Pachamba	Nil	ditto	45.07	ditto	
	Lohardugga	Ranchoe	0.98	ditto	58.31	ditto	
		Palamow	Nil	ditto	49.13	ditto	
	Singbhoom	Chyebassa	0.66	ditto	67.47	ditto	
	Manbhoom	Purnia	Nil	ditto	61.37	ditto	
		Govindpore	Not recd.	ditto	47.12	ditto	Not received 21st October to 3rd November.
	ASSAM & ADJACENT HILLS.						
	Sylhet	Sylhet	0.08	ditto	156.55	ditto	
	Sibsagar	Sibsagar	Nil	Not recd.	88.58	3rd Nov.	
		Golaghat	ditto	ditto	71.77	ditto	
		Jorhat	ditto	ditto	71.69	ditto	
		Deopanie	ditto	ditto	81.35	ditto	
		Hattie Pootie	ditto	ditto	76.73	ditto	
		Mazengab	ditto	ditto	61.49	ditto	
		Nazira	ditto	ditto	65.05	ditto	
		Suntok	ditto	ditto	82.25	ditto	
		Cherideo	ditto	ditto	76.03	ditto	
		Akyab	2.20	6.60	141.41	10th Nov.	
	Rajpootana	Alwar	Nil	Nil	3.05	ditto	
		Jaipur	ditto	0.02	9.50	ditto	
		Sambhar	ditto	0.70	8.85	ditto	

CALCUTTA,
The 17th November 1877.

JOHN ELIOT, M.A.,
Meteorological Reporter to the Govt. of Bengal.

Meteorological Telegraphic Report for the period 11th to 17th November 1877.

STATIONS.	Date.	Hour.	Barometer reduced to 32°.	Barometer reduced to sea-level.	HYGROMETER.		Humidity Sat. = 100.	WIND.		Rain.	Clouds.	Weather initials.
					Dry.	Wet.		Direction.	Velocity.			
ALIPORE.	Nov. 11th	10	30.082	30.084	77.7	69.5	67	N	2.5	.....	.....	b
	11th	16	29.953	29.975	82.6	68.5	46	N	6.6	.....	.....	b
	12th	10	30.081	30.103	77.5	69.0	63	N	4.0	.....	C	c
	12th	16	29.977	29.999	81.1	68.9	52	N by W	6.2	.....	C	c
	13th	10	30.113	30.135	79.0	69.3	60	N E by N	3.3	.....	C	c
	13th	16	29.999	30.021	83.0	69.0	46	N	6.0	.....	C	c
	14th	10	30.100	30.122	77.8	69.3	63	N by E	2.3	.....	C	c
	14th	16	29.969	29.991	81.9	69.5	45	N	6.0	.....	C	c
	15th	10	30.070	30.092	77.2	69.0	65	N	2.5	.....	C	c
	15th	16	29.929	29.951	83.0	69.7	48	N N W	6.0	.....	C, CS	c
	16th	10	30.031	30.053	78.0	70.3	67	N W by W	1.8	.....	C	c
	16th	16	29.881	29.903	82.2	69.3	49	N by E	3.3	.....	.....	b
	17th	10	30.042	30.064	79.8	70.0	59	W	2.3	.....	.....	b
	17th	16	29.917	29.939	84.9	70.2	45	N by W	3.7	.....	.....	b
SABOR ISLAND.	Nov. 11th	10	30.053	30.059	80	74	74	N N W	3.8	.....	FK	b, m
	11th	16	29.959	29.965	83	70	49	N N W	8.1	.....	.....	b, m
	12th	10	30.108	30.114	81	71	59	E N E	4.8	.....	C	b, m
	12th	16	29.989	29.995	82	69	49	N N E	10.7	.....	C	b, m
	13th	10	30.104	30.110	81	73	67	N N W	5.9	.....	C, CK	b, m
	13th	16	29.991	29.997	83	72	57	N	8.6	.....	C	b, v
	14th	10	30.094	30.100	78	73	78	N N W	4.4	.....	PC	b, m
	14th	16	29.963	29.974	81	72	62	N W	4.5	.....	PC	b, m
	15th	10	30.062	30.068	80	72	66	N	5.4	.....	PC	b, m
	15th	16	29.932	29.933	83	71	53	N N E	8.0	.....	PC	b, m
	16th	10	30.033	30.039	80	74	74	W N W	3.8	.....	FK	b, m
	16th	16	29.893	29.899	84	74	60	W S W	6.7	.....	C	b, m
	17th	10	30.036	30.042	83	75	67	W S W	6.9	.....	FK	b, m
	17th	16	29.921	29.927	85	75	61	S W	7.9	.....	.....	b
CHITTAGONG.	Nov. 11th	10	29.962	30.055	82	72	60	N	3.7	.....	C	b, v
	12th	10	29.975	30.068	81	74	71	N	2.3	.....	C	v
	13th	10	29.995	30.088	81	72	62	N W	3.9	.....	C	v
	14th	10	29.988	30.081	79	74	78	N E	3.1	.....	CS, CK	b, v
	15th	10	29.973	30.067	76	72	82	CALM	4.5	.....	CS	v
	16th	10	29.988	30.082	74	71	86	N	3.0	.....	C	v
	17th	10	29.963	30.056	80	71	62	W	3.6	.....	.....	b, v
AKYAB.	Nov. 11th	10	30.006	30.028	83	77	75	E	2.8	.....	C	b
	12th	10	30.039	30.061	84	77	72	N E	1.9	.....	C	c
	13th	10	30.053	30.074	86	80	76	E	2.2	.....	C	c
	14th	10	30.049	30.071	84	78	75	E N E	2.3	.....	C	c
	15th	10	30.029	30.051	84	79	79	E	2.0	.....	C*	c
	16th	10	30.004	30.026	82	76	75	E	2.0	.....	C	c
	17th	10	30.028	30.050	76	72	82	N	1.3	.....	C	c
CUTTACK.	Nov. 11th	10	29.998	30.081	82	70	52	N W	1.0	.....	.....	b
	12th	10	30.013	30.096	80	69	55	N W	0.5	.....	C	c
	13th	10	30.053	30.136	81	69	52	N	0.7	.....	C	c
	14th	10	30.049	30.132	78	69	61	W	0.8	.....	C	c
	15th	10	29.993	30.076	81	71	59	W N W	0.8	.....	C	c
	16th	10	29.959	30.042	79	70	61	W	1.2	.....	C	c
	17th	10	29.871	30.054	82	70	52	W	1.8	.....	.....	b
FALSE POINT.	Nov. 11th	10	30.070	30.085	80	71	62	N N W	3.3	.....	.....	b
	12th	10	30.065	30.080	81	69	52	N N E	3.0	.....	C	c
	13th	10	30.115	30.130	81	70	56	E N E	5.2	.....	C	c
	14th	10	30.107	30.122	80	72	66	N	4.3	.....	C, CS	c
	15th	10	30.073	30.088	80	71	62	N W	3.5	.....	C	c
	16th	10	29.993	30.008	79	71	66	W N W	3.2	.....	C, CS	c
	17th	10	30.040	30.055	81	72	62	W N W	3.8	.....	.....	b
VIZAGAPATAM.	Nov. 11th	10	30.052	30.084	83	72	57	N E by E	2.4	.....	.....	b
	12th	10	30.044	30.076	82	68	45	N W by W	1.4	.....	.....	b
	13th	10	30.086	30.118	81	68	48	N N W	1.6	.....	.....	m
	14th	10	30.096	30.128	81	67	45	E N E	2.1	.....	.....	b
	15th	10	30.045	30.077	82	70	52	S E	1.7	.....	.....	b
	16th	10	30.037	30.069	81	69	52	N	1.6	.....	.....	b
	17th	10	30.037	30.069	81	70	56	E by S	1.4	.....	.....	b
MADRAS.	Nov. 10th	10	30.091	30.114	76	73	86	N	5	2.59	.....	v
	10th	16	29.968	29.989	82	76	71	N N E	12	.....	.....	cloudy
	11th	10	30.056	30.079	84	75	64	N E by N	14	0.10	.....	o
	11th	16	29.952	29.975	83	75	67	N N E	12	.....	.....	cloudy
	12th	10	30.017	30.040	84	75	64	N E by N	14	.....	.....	c
	13th	10	29.947	29.970	84	74	60	S W by W	5	.....	.....	b, c
	13th	16	29.949	30.072	84	75	64	S W by W	5	.....	.....	c
COLOMBO.	Nov. 10th	10	29.935	29.958	82	73	68	N	15	.....	.....	cloudy
	11th	10	30.044	30.067	80	76	82	E S E	5	1.07	.....	o
	11th	16	29.936	29.959	78	75	86	N by W	8	0.04	.....	o
	12th	10	30.061	30.074	74	73	95	S W	3	5.14	.....	o
	12th	16	29.945	29.968	75	73	90	N N W	4	0.19	.....	o
	13th	10	30.007	30.030	77	75	91	N N W	5	1.55	.....	o
	13th	16	29.902	29.925	75	74	95	N by W	8	.....	.....	cloudy
	Nov. 11th	10	29.953	29.994	83	78	79	N	1.4	0.70	C	o
	12th	10	29.956	29.997	81	77	83	N	1.7	1.00	C	o
	13th	10	29.950	29.991	83	77	75	S E	1.6	.....	C	o
	14th	10	29.970	30.011	81	77	83	S W	2.5	.....	.....	o
	15th	10	29.963	30.004	81	77	83	S by W	2.2	1.40	.....	b
	16th	10	29.963	30.004	81	76	78	N by W	3.2	0.50	C	o
	17th	10	29.948	29.989	84	77	72	N by E	3.8	.....	C	o

* Velocity of wind in miles per hour.

JOHN ELIOT, M.A.,
Meteorological Reporter to the
Government of Bengal.

Results of the Meteorological Observations taken at the Alipore Observatory from 11th to 17th November 1877.

Month.	Date.	Maximum in sun.	Mean pressure; barometer at 32° Fah.	TEMPERATURE.				HYGROMETRY.				WIND.		Rain.	WEATHER.
				Mean.	Maximum.	Range.	Minimum.	Mean wet bulb.	Vapour tension.	Dew point.	Humidity.	Prevailing direction.	Miles recorded.		
1877.		⊖	Ins.	⊖	⊖	⊖	⊖	⊖	Inch.	⊖	%			Inch.	
Nov.	11th	140.8	30.006	72.5	83.4	10.6	63.8	66.8	0.582	63.2	73	Chiefly north.	85	Nil	Clear, <i>f</i> & <i>w</i> .
"	12th	134.9	.029	72.0	82.1	18.7	63.4	67.0	.596	63.9	76	Till noon N, till midnight N by W through N.	88	"	Morning clear, till evening partially cloudy, night clear & <i>w</i> .
"	13th	138.2	.049	72.5	83.1	20.6	62.5	66.8	.582	63.2	73	Till noon NE by N through N, till 3 P.M. NW by N through N, till midnight N back again.	86	"	Morning clear, till 4 P.M. partially cloudy, evening and night clear and <i>w</i> .
"	14th	140.8	.028	72.1	82.6	20.1	62.5	67.0	.596	63.9	76	Till 11 A.M. NE by N through N, till 3 P.M. N by W through N, till midnight N back again.	73	"	Partially cloudy, ☉ at 7½ P.M. & <i>w</i> .
"	15th	138.4	.010	71.9	83.2	20.2	63.0	67.0	.596	63.9	76	Till 4 P.M. NNW through N, till midnight NW by W through NW.	73	"	Partially cloudy till 4 P.M., evening & night clear, <i>f</i> & <i>w</i> .
"	16th	140.3	29.960	72.4	82.9	19.0	63.9	67.7	.616	64.9	77	Till 2 P.M. N by W through N W, till midnight N by E through N.	57	"	Chiefly clear, <i>f</i> & <i>w</i> .
"	17th	142.7	.976	73.8	84.7	20.8	63.9	67.8	.601	64.2	72	Till 11 A.M. W through N & NW, till midnight N by W through NW.	52	"	Clear, <i>f</i> & <i>w</i> .

The mean pressure of the seven days	...	...	Inches.
The average pressure of the corresponding period for 20 years	...	...	30.008
			29.966

The mean temperature of the seven days	...	...	⊖
The average temperature of the corresponding period for 20 years	...	...	72.5
The extreme variation of temperature during the seven days	...	...	75.6
The maximum temperature during the seven days	...	...	22.2
			84.7

The mean relative humidity during the seven days	...	...	%
The average relative humidity of the corresponding period for 24 years	...	...	75
			72

The total fall of rain from 11th to 17th November	...	...	Inches.
The average fall of the corresponding period for 24 years	...	...	Nil.
The total fall from 1st January to 17th November	...	...	0.14
The average fall of the corresponding period for 24 years	...	...	61.11
			65.50

The mean pressure, temperature, &c., are deduced from observations made at 6h., 10h., 16h. and 22h.; the maximum and minimum temperatures are obtained from self-registering thermometers. All the thermometers are verified, and the readings have been corrected to a standard constructed and verified at the Kew Observatory. They are exposed under a thatched shed open at the sides, and are suspended four feet above the ground.

The barometer readings are corrected approximately to those of the standard (Newman's No. 86) formerly at the Surveyor-General's Office.

The hygrometric elements are obtained from tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modifications of August's formula.

The direction and movement of the wind are taken from the trace of a Beckley's anemograph.

The mouth of the rain-gauge is one foot above the ground.

f foggy, *w* dew, ☉ lunar corona.

HENRY F. BLANFORD,
Meteorological Reporter to the Government of India.

METEOROLOGICAL OFFICE, INDIA,
The 19th November 1877.

PUBLIC WORKS DEPARTMENT, —BENGAL.

GENERAL ESTABLISHMENT.—No. 292.—The 12th November 1877.

Statement showing heights over mean sea-level and low water on Rivers Ganges, Bhagiruthee, and Brahmapootra during the month of October 1877.

Date.	Miles.	RIVER GANGES.										BRAHMAPOOTRA.			
		RIVER GANGES.										BRAHMAPOOTRA.			
		Mirzapore.	Benares.	Buxar.	Dinapore.	Monghyr.	Sahibganje.	Rampore Bauleah.	Goalundo.	Berhampore.	Kishnaghat.	Gowhaty.			
1st	...	192	212.43	171.15	850	145.50	81.53	1416	1700	47.43	16.50	24.80	173.55	24.80	173.55
2nd	...	175	212.25	170.90	800	145.00	81.53	1400	1708	47.43	16.50	24.80	173.55	24.80	173.55
3rd	...	175	212.25	170.90	800	145.00	81.53	1400	1708	47.43	16.50	24.80	173.55	24.80	173.55
4th	...	175	212.25	170.90	800	145.00	81.53	1400	1708	47.43	16.50	24.80	173.55	24.80	173.55
5th	...	175	212.25	170.90	800	145.00	81.53	1400	1708	47.43	16.50	24.80	173.55	24.80	173.55
6th	...	175	212.25	170.90	800	145.00	81.53	1400	1708	47.43	16.50	24.80	173.55	24.80	173.55
7th	...	175	212.25	170.90	800	145.00	81.53	1400	1708	47.43	16.50	24.80	173.55	24.80	173.55
8th	...	175	212.25	170.90	800	145.00	81.53	1400	1708	47.43	16.50	24.80	173.55	24.80	173.55
9th	...	175	212.25	170.90	800	145.00	81.53	1400	1708	47.43	16.50	24.80	173.55	24.80	173.55
10th	...	175	212.25	170.90	800	145.00	81.53	1400	1708	47.43	16.50	24.80	173.55	24.80	173.55
11th	...	175	212.25	170.90	800	145.00	81.53	1400	1708	47.43	16.50	24.80	173.55	24.80	173.55
12th	...	175	212.25	170.90	800	145.00	81.53	1400	1708	47.43	16.50	24.80	173.55	24.80	173.55
13th	...	175	212.25	170.90	800	145.00	81.53	1400	1708	47.43	16.50	24.80	173.55	24.80	173.55
14th	...	175	212.25	170.90	800	145.00	81.53	1400	1708	47.43	16.50	24.80	173.55	24.80	173.55
15th	...	175	212.25	170.90	800	145.00	81.53	1400	1708	47.43	16.50	24.80	173.55	24.80	173.55
16th	...	175	212.25	170.90	800	145.00	81.53	1400	1708	47.43	16.50	24.80	173.55	24.80	173.55
17th	...	175	212.25	170.90	800	145.00	81.53	1400	1708	47.43	16.50	24.80	173.55	24.80	173.55
18th	...	175	212.25	170.90	800	145.00	81.53	1400	1708	47.43	16.50	24.80	173.55	24.80	173.55
19th	...	175	212.25	170.90	800	145.00	81.53	1400	1708	47.43	16.50	24.80	173.55	24.80	173.55
20th	...	175	212.25	170.90	800	145.00	81.53	1400	1708	47.43	16.50	24.80	173.55	24.80	173.55
21st	...	175	212.25	170.90	800	145.00	81.53	1400	1708	47.43	16.50	24.80	173.55	24.80	173.55
22nd	...	175	212.25	170.90	800	145.00	81.53	1400	1708	47.43	16.50	24.80	173.55	24.80	173.55
23rd	...	175	212.25	170.90	800	145.00	81.53	1400	1708	47.43	16.50	24.80	173.55	24.80	173.55
24th	...	175	212.25	170.90	800	145.00	81.53	1400	1708	47.43	16.50	24.80	173.55	24.80	173.55
25th	...	175	212.25	170.90	800	145.00	81.53	1400	1708	47.43	16.50	24.80	173.55	24.80	173.55
26th	...	175	212.25	170.90	800	145.00	81.53	1400	1708	47.43	16.50	24.80	173.55	24.80	173.55
27th	...	175	212.25	170.90	800	145.00	81.53	1400	1708	47.43	16.50	24.80	173.55	24.80	173.55
28th	...	175	212.25	170.90	800	145.00	81.53	1400	1708	47.43	16.50	24.80	173.55	24.80	173.55
29th	...	175	212.25	170.90	800	145.00	81.53	1400	1708	47.43	16.50	24.80	173.55	24.80	173.55
30th	...	175	212.25	170.90	800	145.00	81.53	1400	1708	47.43	16.50	24.80	173.55	24.80	173.55
31st	...	175	212.25	170.90	800	145.00	81.53	1400	1708	47.43	16.50	24.80	173.55	24.80	173.55

G. A. D. ANLEY, C.E.,

Asst. Secy. to the Govt. of Bengal, P. W. Department.

GOVERNMENT OF BENGAL.
PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH.

KHURREF SEASON 1877. COMMENCING ON THE 1ST JUNE 1877.
Irrigation Operations of Lower Bengal during the month of September 1877.

Circle.	District.	Canal.	SUPPLY OF WATER IN THE CANALS.				RICE IRRIGATION.				SUGARCANE AND OTHER PERENNIAL CROP IRRIGATION.				RAINFALL.				REMARKS.
			Estimated full discharge in cubic feet per second.	Average discharge in cubic feet per second throughout the month.	Area leased on or before June 1877.	Area leased subsequent to the 1st of June 1877 and up to the 1st of the month.	Area leased during the month.	Total area leased up to date (total of columns 6, 7 & 8).	Area leased up to the 1st of the month.	Area leased during the month.	Total area leased up to date (total of columns 10 & 11).	Grand Total of area leased up to the end of the month (total of columns 12 & 13).	Grand Total of corresponding period of last year.	Inches during month.	Inches during Khurreef season.	Average of ten previous years for the same period.			
Orissa	Cuttack	Kendraparab Palamoondoe High Level, Section I. Toldanda Matchgong Total of the month Total of the corresponding month of previous year	4	5	6	7	8	9	10	11	12	13	14	15	16	17	(a) The details of column 13 are— Khurreef at Rs. 1-8 each Ditto " 3 " 63 Ditto " 6 " 2 Total ... 48,483 Perennial— Sugarcane ... 148 Garden produce ... 60 Heldi ... 1 Brinjals ... 18 Plantains ... 6 Nut (supari) ... 11 Betel (pan) ... 2 Faker ... 1 Saru ... 1 Grand Total ... 48,678 (b) The details are— Rice and Indian corn at Re. 1 per acre ... 72,010 Indigo at Re. 5 " ... 726 Onion " 2-8 " ... 27 Cheena " 2-8 " ... 5,291 Sugarcane, 5 " ... Total ... 78,008 Average of last 7 years only.		
			1,269	675-81	848	14,920	3,624	19,292	104	-	104	19,396	11,854	-	-	-			
			-	-	-	39	-	39	3	-	3	42	282	-	-	-			
			675	234-84	2,414	6,285	763	9,462	13	-	13	9,475	7,939	6-66	24-57	49-84			
			1,300	425	1,250	3,818	932	6,000	74	-	74	6,074	2,183	-	-	-			
South-Western	Midsapore Hovrah	Midsapore Panchkoorah Total of the month Total of the corresponding month of previous year	-	-	5,733	28,470	9,229	43,432	246	-	246	(a) 83,678	24,300	-	-	-			
			-	-	14,293	8,730	1,006	24,029	271	-	271	24,300	-	-	-				
			875	213	-	2,077	301	3,278	-	-	-	3,278	28,254	3-18	33-73	8 years			
			300	61	-	2,266	7	2,273	-	-	-	2,273	3,906	5-80	47-51	7 years			
			-	-	-	5,243	398	5,651	-	-	-	5,651	32,160	-	-	-			
Sone	Shahabad Gya and Patna...	Main Western Arrah Patna Total of the month Total of the corresponding month of previous year Grand Total of the month Grand Total of the corresponding month of previous year	-	-	4,918	27,242	-	32,160	-	-	-	32,160	-	-	-	-			
			-	-	-	3,015	9,161	12,176	378	-	-	12,960	-	1-57	10-65	38-65			
			4,342	1201-12	735	9,449	50,498	60,590	4,472	346	724	65,158	1,970	1-78	15-25	35-27			
			1,660	1201-12	-	Free	irrigation	-	96	4,568	-	-	4,568	-	1-14	15-10	34-85		
			1,403	1859	735	12,464	59,567	72,768	4,850	442	5,292	(b) 78,008	1,970	-	-	-	-		

F. T. HAIG, Col., R.E.,
Joint Secy. to the Government of Bengal
in the P. W. Dept., Irrigation Branch.

Reports of Fluctuation of Traffic on the Eastern Bengal Railway for the Month of September 1877.

EASTERN BENGAL RAILWAY COMPANY, TRAFFIC SUPERINTENDENT'S OFFICE, SEALDAH TERMINUS.

Report on the Traffic for the five weeks ending the 29th September 1877.

Dated Calcutta, the 6th November 1877.

From—JAMES BRANDER, Esq., Traffic Superintendent,
To—The Agent, Eastern Bengal Railway Company, Sealdah.

THE quantity of goods carried during the above period was maunds 14,28,518, as against maunds 10,68,695 during the same period of last year, showing an increase of maunds 3,59,823.

This increase is chiefly attributable to the increased quantities carried of the following staples, viz. grain, including rice, gunny bales, jute drums, railway materials, foreign piece-goods, seeds, twist and miscellaneous goods. The staples showing the largest decrease are gunny bundles, hides, jute bales, salt, tobacco and turmeric.

Increases.

Grain, including rice	Mds.	3,84,745
This increase is owing to the large quantities still being brought for shipment to the famine districts besides cereal for export.		
Gunny bales	Mds.	4,513
This is owing to the increased quantity of bags forwarded for export from the Serajgunge jute-mills, but is counterbalanced by the decrease of gunny bags in bundles, which amounts to maunds 4,452.		
Jute in drums	Mds.	4,895
Only show a very small increase, owing to the large quantity carried during the same period of last year.		
Piece-goods	Mds.	9,891
This staple shows again a satisfactory increase, the demand being great on account of the Dussorah holidays.		
Railway material	Mds.	9,954
This increase is owing to the quantities of materials still being forwarded for the Northern Bengal State Railway.		
Seeds	Mds.	15,708
The quantity carried of this staple, which showed a decrease last month, has again improved satisfactorily.		
Twist	Mds.	2,154
This shows a satisfactory increase, chiefly attributable to the quantity brought down for export from the Danbar Cotton Mills, Shamnuggur.		
Miscellaneous goods	Mds.	47,631
This continues to show a satisfactory increase chiefly of upward goods.		

Decreases.

Gunny bundles	Mds.	4,452
This decrease is owing to the large demand in the interior for the transport of grain to the Calcutta market.		
Hides, bundles	Mds.	5,619
This decrease is owing to the demand for this commodity varying very much in the market.		
Jute bales	Mds.	66,852
This decrease is attributable partly to the backwardness of the season, but chiefly to dullness of the market in England.		
Salt	Mds.	16,799
This staple still shows a large decrease in the quantity forwarded, but I am glad to say is again improving.		
Tobacco	Mds.	13,628
Turmeric	Mds.	10,757
These articles show a large decrease owing to there being little or no demand in the market.		
I attach the usual statement showing the increase and decrease of the principal staples.		

Statement of Increases and Decreases in maundage of staples carried by the Eastern Bengal Railway Company for the five weeks ending the 29th September 1877, in comparison with that of the corresponding period of 1876.

STAPLES.	1876.		1877.		1876.	1877.	Increase.	Decrease.
	Up.	Down.	Up.	Down.	Total.	Total.		
Ale, beer, and wine	643	...	803	3	643	866	223	...
Cotton, bundles of	168	309	...	1,094	477	1,094	527	...
Ditto, bales of	488	...	193	...	488	193	...	295
Grain, including rice	1,468	14,274	10,575	3,90,212	16,042	4,00,787	3,84,745	...
Gunny, bundles of	96	8,671	4,163	152	8,767	4,315	...	4,452
Ditto, bales of	439	6,323	1,145	10,130	6,762	11,275	4,513	...
Hides, bundles of	23	11,432	43	5,793	11,455	5,836	...	5,619
Ditto, bales of	...	...	...	...	...	...	...	...
Jute, drums of	1,593	6,61,243	6,937	6,60,794	6,62,836	6,67,731	4,895	...
Ditto, bales of	670	1,58,069	759	91,128	1,58,789	91,887	...	66,852
Piece-goods	23,930	11	33,798	34	23,941	33,832	9,891	...
Railway material, foreign	20,551	11,486	41,991	...	32,037	41,991	9,954	...
Salt	42,114	...	25,315	...	42,114	25,315	...	16,799
Seeds	1,463	15,348	953	31,590	16,814	32,522	15,708	...
Sugar	570	2,395	502	677	2,065	1,139	...	1,826
Tea	...	1,260	...	1,070	1,260	1,070	...	190
Tobacco	30	35,054	452	21,004	35,084	21,456	...	13,628
Turmeric	...	12,338	...	1,581	12,338	1,581	...	10,757
Twist	3,116	1,005	4,708	1,567	4,121	6,275	2,154	...
All other goods	16,824	14,998	60,976	19,367	31,812	79,443	47,631	...
Total	1,14,489	9,54,206	1,92,533	12,35,985	10,68,695	14,28,518	4,80,241	1,20,418
						10,68,695	1,20,418	
Increase						3,59,823	3,59,823	

J. BRANDER, Traffic Superintendent.

Weekly Return of Traffic Receipts on Indian Railways.

EAST INDIAN RAILWAY—MAIN LINE.

Approximate Return of Traffic for week ended 10th November 1877 on 1,279½ miles open.

	COACHING TRAFFIC.				MERCHANDISE AND MINERAL TRAFFIC.				TOTAL TRAFFIC RECEIPTS.	TRAIN MILES RUN.		
	No. of passen- gers.	Coaching receipts.		Weight carried.	Receipts.					Coach- ing.	Merchan- dise.	Total.
		Rs. A. P.	£ s. d.	Mds. s.	Rs. A. P.	£ s. d.	Rs. A. P.					
Total traffic for the week	125,718½	1,89,010 2 9	17,325 18 8	10,82,291 20	5,08,016 15 6	46,508 4 5	6,97,027 2 3	46,340½	102,519½	148,860½		
Or per mile of railway	.....	147 11 1	13 10 9	.....	396 15 5	36 7 9	544 10 6	.....	.....	.....
For previous 18 weeks of half-year	2,309,879½	29,12,307 15 11	266,967 1 4	2,35,30,046 20	99,33,834 4 8	828,101 9 6	1,19,46,292 4 7	800,677½	1,855,788	2,656,465½		
Total for 19 weeks	2,435,598	31,01,378 2 8	284,293 0 0	2,46,18,938 0	95,41,851 4 2	874,669 13 11	1,26,43,239 6 10	847,023½	1,938,307½	2,805,331		
COMPARISON.												
Total for corresponding week of previous year	127,839	2,06,516 7 4	18,912 6 10	12,41,330 10	4,72,277 4 8	43,292 1 8	6,78,593 12 0	45,336	90,604	135,940		
Per mile of railway, corresponding week of previous year	.....	161 3 6	14 15 7	.....	369 0 7	33 16 7	530 4 1	.....	.....	.....
Total to corresponding date of previous year	2,163,774½	27,57,014 4 11	232,726 6 3	1,58,56,981 30	71,29,669 5 3	633,553 0 5	98,86,683 10 2	823,463	1,322,431	2,145,894		

EAST INDIAN RAILWAY—JUBBULPORE LINE.

Approximate Return of Traffic for week ended 10th November 1877 on 223½ miles open.

	COACHING TRAFFIC.				MERCHANDISE AND MINERAL TRAFFIC.				TOTAL TRAFFIC RECEIPTS.	TRAIN MILES RUN.		
	No. of passen- gers.	Coaching receipts.		Weight carried.	Receipts.					Coach- ing.	Merchan- dise.	Total.
		Rs. A. P.	£ s. d.	Mds. s.	Rs. A. P.	£ s. d.	Rs. A. P.					
Total traffic for the week	7,251	22,824 4 9	2,092 4 7	1,12,328 20	30,681 12 0	2,812 9 10	53,506 0 9	4,874½	8,062½	12,936½		
Or per mile of railway	.....	102 0 2	9 7 0	.....	137 2 0	12 11 5	239 2 2	.....	.....	.....
For previous 18 weeks of half-year	109,678½	2,60,390 6 10	24,419 2 5	39,43,536 0	9,60,428 2 6	88,039 5 0	12,26,818 9 4	84,253½	259,145½	343,399½		
Total for 19 weeks	116,929½	2,89,214 4 1	26,511 7 6	40,55,084 20	9,91,109 14 6	90,851 14 10	12,80,324 10 1	80,127½	267,298½	356,336		
COMPARISON.												
Total for corresponding week of previous year	7,138	22,767 7 3	2,087 0 4	2,91,639 10	72,167 8 0	6,615 7 1	94,934 15 3	4,721	16,112	20,833		
Per mile of railway, corresponding week of previous year	.....	101 12 1	9 6 6	.....	322 8 7	29 11 4	424 4 8	.....	.....	.....
Total to corresponding date of previous year	92,219½	2,54,233 3 6	23,304 14 3	13,59,004 30	3,51,390 8 9	32,210 16 0	6,05,633 12 3	86,776	89,981	167,757		

CALCUTTA AND SOUTH-EASTERN STATE RAILWAY.

Approximate Return of Traffic for week ended 10th November 1877 on 28 miles open.

	COACHING TRAFFIC.				MERCHANDISE AND MINERAL TRAFFIC.				TOTAL TRAFFIC RECEIPTS.
	Number of passengers.	Coaching receipts.		Weight carried.	Receipts.				
		Rs. A. P.	£ s. d.	Mds. Srs.	Rs. A. P.	£ s. d.	£ s. d.		
Total traffic for the week	8,643	1,490 0 0	149 0 0	16,358 0	607 0 0	60 14 0	209 14 0		
Or per mile of railway	308	53 0 0	5 6 0	584 0	21 8 0	2 8 0	7 4 0		
For previous 18 weeks of half-year	168,158	24,628 0 0	2,462 16 0	2,32,633 0	7,011 0 0	701 2 0	3,223 18 0		
Total for 19 weeks	176,801	26,118 0 0	2,511 16 0	2,48,991 0	8,218 0 0	821 16 0	3,433 12 0		
COMPARISON.									
Total for corresponding week of previous year	9,933	1,339 14 3	133 10 9	17,555 0	529 0 9	52 18 1	186 17 10		
Per mile of railway, corresponding week of previous year	354	47 13 7	4 15 8	626 0	18 14 3	1 17 9	6 13 5		
Total to corresponding date of previous year	168,414½	22,427 7 3	2,242 14 10	2,40,738 4	7,680 5 6	768 0 7	3,010 15 5		

NALHATI STATE RAILWAY.

Approximate Return of Traffic for week ended 10th November 1877 on 27½ miles open.

	COACHING TRAFFIC.				MERCHANDISE AND MINERAL TRAFFIC.				TOTAL TRAFFIC RECEIPTS.
	No. of passen- gers.	Coaching receipts.		Weight carried.	Receipts.				
		Rs. A. P.	£ s. d.	Mds. s.	Rs. A. P.	£ s. d.	£ s. d.		
Total traffic for the week	1,851	921 0 0	92 2 0	5,584 0	521 0 0	52 2 0	144 4 0		
Or per mile of railway	68	33 8 0	3 7 0	205 0	19 0 0	1 18 0	5 5 0		
For previous 18 weeks of half-year	38,385	18,114 0 0	1,811 8 0	1,23,123 0	9,805 0 0	980 10 0	2,791 18 0		
Total for 19 weeks	40,216	19,035 0 0	1,903 10 0	1,28,709 0	10,326 6 0	1,032 12 0	2,936 2 0		
COMPARISON.									
Total for corresponding week of previous year	1,963	983 6 8	96 6 1	3,404 25	296 6 0	29 12 9	125 18 10		
Per mile of railway, corresponding week of previous year	72	35 5 6	3 10 8	124 37	10 14 0	1 1 9	4 12 5		
Total to corresponding date of previous year	34,917	16,719 4 7	1,671 0 6	72,299 4	6,783 15 3	678 7 11	2,349 8 5		

TIRHOOT STATE RAILWAY.

Approximate Return of Traffic for week ended 10th November 1877 on 79 miles open.

	COACHING TRAFFIC.				MERCHANDISE AND MINERAL TRAFFIC.				TOTAL TRAFFIC RECEIPTS.
	No. of passen- gers.	Coaching receipts.		Weight carried.	Receipts.				
		Rs. A. P.	£ s. d.	Mds. s.	Rs. A. P.	£ s. d.	£ s. d.		
Total traffic for the week	7,220½	3,236 7 6	323 12 11	15,087 20	1,526 15 0	152 13 10	476 6 9		
Or per mile of railway	91½	40 15 0	4 1 11	190 20	19 6 0	1 18 9	6 0 8		
For previous 18 weeks of half-year	125,457½	62,802 6 6	5,280 4 9	3,69,302 20	35,297 5 6	3,520 14 9	8,800 19 6		
Total for 19 weeks	132,768	56,038 14 0	5,093 17 8	3,84,390 0	36,734 4 6	3,673 8 7	9,277 6 3		
COMPARISON.									
Total for corresponding week of previous year	2,264½	851 9 3	85 3 3	13,973 0	1,154 2 6	115 8 4	206 11 7		
Per mile of railway, corresponding week of previous year	40	18 5 0	1 16 8	30 20	14 10 0	1 9 3	5 5 11		
Total to corresponding date of previous year	47,765½	20,184 14 9	2,018 9 8	3,98,154 20	26,969 4 6	2,695 18 8	4,714 8 4		



SUPPLEMENT TO The Calcutta Gazette.

WEDNESDAY, NOVEMBER 28, 1877.

OFFICIAL PAPERS.

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RESOLUTION ON THE GENERAL REPORT, BURDWAN DIVISION, FOR 1876-77.

GENERAL DEPARTMENT—MISCELLANEOUS—No. 3261.

Calcutta, the 24th November 1877.

READ—

The General Report of the Burdwan Division for 1876-77.

THE report, which has been drawn up by the Officiating Commissioner, Mr. A. Smith, is submitted long after date, and is even now incomplete, owing to the omission of all information relating to the district of Hooghly. It is stated that the late Magistrate of Hooghly, Sir W. Herschel, after delaying his report until the eve of his departure on furlough, took away the materials with him, promising to submit it before he actually left the country. This, however, he failed to do, and the most important district in the division has therefore been ignored in the Commissioner's report. Sir W. Herschel will be called upon by Government to explain his omission.

2. The duties of mofussil inspection seem to have been properly attended to by every Magistrate in the division, except Mr. Trevor Grant of Howrah. Mr. Grant pleads sickness as his excuse for not making any tour during the year of report, but

Annual tours.

the Lieutenant-Governor cannot accept this as a sufficient apology for the entire neglect of a very important duty. If Mr. Grant was unequal to the proper and efficient performance of his work, he should have taken leave.

3. The rainfall of the year, though in most districts below that of 1875-76, was still in excess of the average. Unfortunately its distribution was not altogether seasonable. In

Weather and crops.

Burdwan there was a short fall in April and May, while continued heavy showers in the latter part of the season produced heavy floods on the Bhagirathi and Adjai. In Midnapore also there were two severe inundations—one in Tumlook and the other in Ghattal—which did much damage both to houses and crops. Notwithstanding all drawbacks, however, the outturn of the harvests was in every district favourable, the rice crop being everywhere above the average, and the cold-weather crops unusually good owing to the late date at which the rains ceased.

4. The public health of the division was on the whole good. The epidemic fever of Burdwan has, the Commissioner notes, entirely disappeared; and though there were here and there during the rains the usual outbreaks of malarious fever, it nowhere assumed an epidemic type. Cholera showed itself in all districts in a sporadic way, but became severe only in Cutwa in Burdwan, where special measures of relief were adopted with success. Small-pox is more prevalent in Beerbhoom than elsewhere owing to the prejudices entertained locally against vaccination. The district has now been brought within the metropolitan circle and will be systematically worked. It is satisfactory to find, from another part of the report, that the percentage of persons in Midnapore who are unprotected from small-pox has been found to be only from 10 to 20 per cent.

5. To the cultivators generally the year was one of remarkable prosperity. The full crops, attended with high prices owing to scarcity in Madras, enabled them to pay off most of their debts and to satisfy the demands of their landlords. In Burdwan the grain advances made during the famine of 1874, amounting to Rs. 2,35,000, have all been repaid save Rs. 10,000. Even in the tracts which suffered from inundation the ryots made such profits from mulberry as almost made up for any losses on rice.

6. Bankoora and Midnapore are the chief recruiting grounds in the division for coolies both for the tea districts and the colonies. The plentiful harvests of the year led to a considerable falling off in the numbers despatched during 1876-77—a feature common also to other districts, as the following figures will show:—

			1876-77.	1875-76.
Bankoora	...	...	1,140	2,457
Midnapore	...	...	1,292	1,885
Burdwan	...	...	2,876	4,672
Beerbhoom	...	...	834	1,109

Of the 2,876 coolies recruited in Burdwan, only 586 belonged to the district. Both the Magistrates of Bankoora and Midnapore report that the chief abuse in connection with emigration is the enticing away of women. Mr. Larminie would lay down more strict rules upon this subject, and would for the rest leave emigration free, believing that the true facts, in connection with the tea districts at any rate, are now thoroughly understood throughout that part of Bengal. The Lieutenant-Governor has recently impressed upon district officers the importance of dealing strictly with abuses connected with emigration. Proper supervision may be given without any undue interference with private enterprise, and contractors and employers must be made responsible for selecting respectable agents, and discountenancing illegality on the part of their servants.

7. The section of the report dealing with manufactures is defective, owing to the absence of all information from Hooghly, the principal manufacturing district. The Burdwan report, again, is couched in general terms, and does not give sufficiently precise information as to the mining and other industries of that district. The pottery works of Raneegunge are said to be "doing well," and the Bengal Iron Company's works are described as "flourishing." The coal trade

Manufactures and mines.

of Raneegunge has been "dull." Allusion is made to a discovery of lead and gold ore in Raneegunge, the lead ore being rich and in a thick seam, while the gold is not likely to repay the working. With reference to all these matters much more detailed information should have been given in the annual district report. The reports of the other districts, with the exception perhaps of Midnapore, seem to have been equally meagre. From the abstract given by the Commissioner of Mr. Harrison's report, it appears that the outturn of indigo in Midnapore was about 1,800 maunds, equal to the produce of an average year. The quantity of silk manufactured was, 3,000 maunds, valued at 24 lakhs of rupees, from which excellent profits were derived. It is interesting to note that European twist is said to have supplanted home-made thread in the local manufacture of cloth, owing to its "producing the same quantity of cloth with one-third of the quantity of material, without any difference in price." The cloth manufacture is, however, said to be declining—a fact which is of serious moment to this division, in all districts of which large numbers of weavers ply their trade. The numbers as given in the statistical account of Bengal stood thus some years back—

Burdwan	...	...	...	...	24,559
Bankoora	...	...	...	...	6,685
Beerbhoom	...	...	...	...	7,531
Midnapore	...	...	...	...	26,276
Hooghly and Howrah	...	...	...	...	17,049

The Lieutenant-Governor would wish to have special inquiry made as to the present condition of the trade in all districts, and to have the subject more fully treated in next year's report.

8. The trade in rice throughout this division has during the year been enormous, owing to the high prices ruling in Calcutta. The canals carried from Midnapore 21½ lakhs of maunds of rice and paddy, against 6½ lakhs in the year preceding: and this notwithstanding the fact that sections of the high level canal were twice closed to traffic owing to accident. The railway failed entirely to take off the supplies brought into the stations along the line, and great quantities had eventually to be carted down the Grand Trunk Road. In one month Burdwan alone sent 2½ lakhs of maunds to Calcutta. The extent of the trade was something quite unexpected and unprecedented.

9. Throughout this division, where there are so many intelligent and educated native gentlemen, the ceremony of the 1st January 1877 evoked a very gratifying display of loyalty. In Midnapore, Mr. Harrison reports that the house tax under the Road Cess Act, the Village Chowkeedaree Act, the project of compulsory payment for irrigation, and some of the provisions of the Embankment Act, are all unpopular and give rise to some discontent. In Howrah the new Municipal Act is said to give dissatisfaction to certain classes. It is hardly possible in any country to make measures involving direct taxation popular; but such a measure as the Village Chowkeedaree Act ought, if judiciously worked and supervised, to lead to no discontent worth noticing.

10. There are but few newspapers actually published in the division, the educated natives generally subscribing to some one or other of the metropolitan papers. As Mr. Harrison remarks, "the notions imbibed by them are diffused among their neighbours," and "the press of the country is unquestionably hostile in tone" to the Government, mainly (Mr. Harrison thinks) because of the mere fact of its being in form an absolute Government.

11. The special statistical enquiries carried on in Beerbhoom under Deputy Collector Janokenath Mozumdar have now been completed, and the report is being revised by the Collector, Mr. Grant. In Midnapore special enquiries were made into the returns from irrigated and unirrigated lands respectively. The heavy rainfall of the year prevented the accrual of any marked benefit from the canal water. It was only to be expected that when there is a full rainfall ordinary lands would produce their ordinary crop, while irrigated lands can do no more. In the majority of the experiments, however, the figures are slightly in favour of the irrigated lands.

12. The conduct of the police throughout the year is as a rule favourably reported on. The Commissioner's remarks under this heading are very much to the point.

Police and crime.

Mr. Smith writes: "A police force is necessarily drawn from the people, and as the people are, so will the police be. Careful selection and training can only operate on the original material. Generally, however, the native of Bengal makes a very fair policeman. He has good detective ability, and, if not physically fitted for very active exertion, is patient and persevering: in the higher grades good pay, careful supervision, and the growing moral sense of the people rendering him from day to day more trustworthy; and if in the lower ranks, where pay is small and power great, honesty at times fails; the danger is one we are bound carefully to recognise and guard against to the best of our power." The spread of education is widening the field of selection, and more attention to departmental instruction would do much to improve men now in the force. The rural police is yearly improving, and the working of the Chowkeedaree Act of 1870 is doing much to better their status and secure that regularity of pay without which they cannot be expected to be honest.

13. The criminal returns show a decrease in the number of offences, cognizable and non-cognizable, throughout the division. The police were also fairly successful in dealing with heinous crime. In Burdwan there was an improvement in the results in cases of dacoity and cognizable crime generally. In Midnapore an unusual outbreak of dacoity in the beginning of 1876 was most successfully met, almost every case being detected and 119 dacoits convicted. Dacoity appeared to have been stamped out in Hooghly, but has again showed itself in the current year. On the whole, however, it is satisfactory to note that the steady increase of crime apparent on the returns of the last few years has received a check—a fact that may perhaps be taken to indicate reviving prosperity among the lower orders as well as better working on the part of the police.

14. There is a very general complaint of the delays in the civil courts in the disposal of rent suits. The ryots find themselves harassed by the procedure of the court, while the zemindars complain that they cannot recover their rents. This matter is under the consideration of Government.

Civil justice.

15. The total collections of land revenue were 98·3 per cent. of the demand (an improvement on the year preceding), and would have been much better but for the short realizations in the temporarily settled and Government estates of this division which have been recently under settlement. Of 420 estates in arrear, only 35 whole estates and three shares were brought to sale, and the prices realized were from five to six times the Government revenue. The causes of default were chiefly a desire to sell the estates to advantage, or to get rid of unprofitable properties, and disputes among shareholders.

Land revenue.

The field operations of the Revenue Survey in Midnapore and Hooghly are completed, but there is, the Lieutenant-Governor understands, a great deal still to do in the preparation of the registers. The Officiating Commissioner has been requested to inspect carefully the survey office, and see what can be done to push on this part of the work.

16. The excise revenue of the division was Rs. 6,10,460, an increase of 8·9 per cent. on the receipts of 1875-76. In most districts, however, illicit distillation is reported to go on, and the sudder distillery system has failed to meet the requirements of the outlying thanas. This is a matter now under the special consideration of the Board. There can be no doubt that a very considerable increase of revenue from excise may fairly be expected throughout Bengal, and that any increase in consumption attendant upon this will represent simply the substitution of licit for illicit spirit.

Excise and other revenue laws.

17. The stamp revenue showed a decrease of 3·7 per cent. as compared with the previous year. The decrease was common to all the districts except Burdwan and Hooghly. The Commissioner attributes the falling off to the prosperity of the people, followed by a "decline in those branches of legal business which arise from poverty." The Lieutenant-Governor fears, however, that much revenue is lost by the neglect of the civil courts to pay adequate atten-

tion to the correctness of the stamps on documents filed. This is a growing evil which legislation will shortly attempt to correct.

18. In Burdwan serious frauds on the salt revenue were discovered and punished. Refuse salt obtained in the process of making saltpetre was smuggled up from Calcutta under the name of hide salt free of duty, and then mixed with duty-paid salt or purified and sold as duty-paid salt. The Board of Revenue should see that similar frauds are made impossible for the future.

19. Thefts of spikes from the railway continue to be very frequent in Burdwan. The Magistrate believes that these offences are generally committed by permanent-way coolies, and this impression is confirmed in the experience of other divisions. Such thefts have been put a stop to in some places by the railway authorities steadily fining the gangs of coolies double the value of all spikes or other material missing.

20. The bursting of the Lukhimpore lock on the Midnapore high level canal did much injury to the canal traffic at a time when it was most brisk. The area in Midnapore under irrigation leases fell from 70,000 acres in 1874-75 to 30,000 in 1876-77, there being no pressing demand for water owing to the heavy rainfall of the year. Mr. Harrison remarks that, had compulsory irrigation been introduced after the drought of 1873, it would have been accepted almost without a murmur. Now, however, he adds, the case is different. The Danconi drainage scheme in Hooghly is said to have done immense benefit to the country, and the operation of apportioning the cost (Rs. 4,84,127) among the proprietors of the lands reclaimed is now going on. The Rajapore and Amptah schemes are at present in abeyance, and no progress has been made with the Jugutee and Kananuddee canal—a project of which the Collector of Burdwan expresses an unfavourable opinion.

21. The road cess committees have on the whole worked well. They have had generally ample funds at their disposal, and have employed them profitably and judiciously. In Midnapore the improvement in communications is marked and steady. In Burdwan there are complaints that enough money is not spent on village roads. The committee here does not levy the maximum amount of cess, and it has therefore the remedy in its own hands. In Beerbhoom, Bankoora, and the north of Hooghly the communications are now in fair order. But in the south of Hooghly (Howrah) much work has still to be undertaken. The Lieutenant-Governor will be glad to learn that the other committees have followed the example of Hooghly and Burdwan and done away with all toll-bars on district roads.

22. The education committees in this division take much interest in their duties. Under Mr. Harrison's able guidance the Midnapore returns of primary education again show remarkable progress, the schools having increased by 468, and the pupils by 10,439, over the figures of 1875-76. There are now 3,804 pathsalas and 93,119 pupils in the division, against 2,565 schools and 64,950 pupils in the previous year. The Lieutenant-Governor regrets, however, to observe that the girls' schools in the division are less by 29 and the pupils fewer by 154 than in 1875-76. This is a discouraging result in one of the most advanced divisions of Bengal.

23. There are six first class and sixteen second class municipalities in the division. The elective system has been tried in Serampore and in Burdwan. In the latter town the Commissioners elected were of the same class as those formerly in office. In Serampore there has been a great deal of friction owing to the existence of two parties in the town. With few exceptions, these committees also have done their work fairly and intelligently.

24. The only report containing any information of moment relating to the post-office is that of Midnapore, where it is noted that the number of letters passing through the district office has grown from 99,878 in 1875-76 to 698,880 in 1876-77.

25. The relations between landlord and tenant are described as amicable, except in the district of Midnapore, where the pressure of the rent-question has made itself generally felt. The Maharanee of Burdwan is mentioned with special

commendation as the best proprietor in Midnapore. She has prohibited, for instance, the levy of abwabs of every kind in the Soojamoota estate belonging to her. The proprietors of the Mysadul estate and the Roy Baboos of Jara are also said to stand well with their ryots. In Bankoora Baboo Radha Bullubh Singh of Kuchenkole, Baboo Damoodhur Singh of Maliarah, the Banerjees of Ajoodhya, and the Messrs. Gisborne are well spoken of. In Beerbhoom, Rajah Ramrunjun Chuckerbutty of Hetumpore is specially mentioned.

26. The remarks of the Commissioner upon the officers under him will be communicated to the Appointment Department of this office.

Character of officers.

By order of the Lieutenant-Governor of Bengal,

A. MACKENZIE,

Secretary to the Govt. of Bengal.

RESOLUTION ON THE BOARD'S REPORT ON THE LAND REVENUE ADMINISTRATION OF THE LOWER PROVINCES FOR THE YEAR 1876-77.

REVENUE DEPARTMENT—LAND REVENUE.

Calcutta, the 27th November 1877.

READ—

The Board's Report on the Land Revenue Administration of the Lower Provinces for the year 1876-77.

THE report submitted by the Board is a careful and comprehensive record of the working of this department of the administration, and the results are in general satisfactory. The prosperity of the year was marred by one great calamity, the cyclone which ravaged the south-eastern districts of Bengal on the 31st October 1876. This necessitated suspensions of land revenue to a considerable amount, and also put a stop for the time to settlement operations in the localities affected. In other respects the year has been marked by no very striking incidents. An important measure for the registration of the names and interests of landed proprietors became law during the year; but the results of it were hardly felt within the period embraced by the present report. Except in the districts devastated by the storm-wave, a good harvest was realized, and the cultivators reaped a large profit from the high price of cereals which prevailed during the latter months of the year.

2. The total number of estates on the revenue-roll during 1876-77, as compared with the preceding year, is shown in the following table:—

Class of estates.	1875-76.	1876-77.
Permanently-settled estates ...	140,704	132,570
Temporarily ditto ...	8,286	7,500
Government estates ...	2,514	2,432
Ryotwaree tracts ...	44	27
Total ...	151,552	142,529

The large decrease under class I arises from the transfer of about 10,000 holdings in Calcutta, which were previously shown as separate estates under permanent settlement, to class III, as a single Government estate. The decrease under class II is in the Rajshahye Division, and is due to the revised classification of a number of holdings in Darjeeling, which are now treated as subordinate tenures instead of distinct estates. The decrease in class IV is the result of the transfer of 21 estates in Noakholly, held for the most part under farming settlements, to class III of the table.

3. The current land revenue demand for the year, including malikana, revenue of police lands, and quit-rents of tributary mehals, amounted to Rs. 3,67,27,341, against a demand of Rs. 3,45,55,929 in 1875-76. This increase,

however, was almost entirely nominal, being due to the inclusion in the demand of 1876-77 of sums excluded last year on account of their not being realizable by law within the year. Irrespective of this nominal increase, the actual increase amounted to Rs. 1,15,070, arising from re-settlements, escheats, and resumptions. The arrear demand was Rs. 17,87,823, or considerably less than half of that of last year, which was Rs. 40,52,840. The total demand of the year thus amounted to Rs. 3,85,15,164.

4. The collections of the current demand were Rs. 3,51,21,042, or 95·35 per cent., and the arrear collections amounted to Rs. 13,98,711, or 78·23 per cent. of the demand. Taking current and arrear collections together, they amounted to Rs. 3,65,19,753, or 94·81 per cent. of the total demand. The current collections were thus larger than those of the preceding year, but, owing to the larger demand, the percentage shows a decrease. In the arrear collections there is a falling off, both in the amount realized and in the percentage. In 1875-76 the total collections were 95·58 of the demand, and in 1874-75 they were 92·36 per cent.

5. The remissions granted during the year amounted to Rs. 76,117, four-fifths of the whole sum being remissions of revenue in estates belonging to Government. The classification of these remissions gives the following results :—

	Rs.
Nominal remissions	48,818
Remissions of right	18,236
Remissions of grace	9,063

Remissions of the first two classes were allowed on account of diluvion of lands and re-settlements at reduced rates. Remissions of grace were largest in the district of Pooree, where they were granted on account of the loss of crops by inundation.

6. The unrealized balances of the year amounted to Rs. 19,19,294, being 4·98 per cent. of the total demand, and exceeding the balances of the preceding year by Rs. 3,54,049. A considerable portion of this balance has since been realized, and only about Rs. 80,000 are likely to prove eventually irrecoverable. The percentage of balances on demand under each class of estates is shown in the margin, and explanatory details of the balances in each district are given in the Board's report.

Class I	...	2·80
Class II	...	9·73
Class III	...	28·71
Class IV	...	17·12

Briefly, it may be said that almost all the balances under class I are either on estates under the charge of the Court of Wards, or on estates which have been advertised for sale for arrears; while most of the arrears under class II either accrued from suspensions granted on account of the cyclone, or were due from estates of which the settlements are not yet finally completed.

7. The estates in class III are partly farmed and partly held under direct management, while those in class IV are all under direct management. In the Resolution on last year's report an opinion was expressed that the realizations of revenue in Government estates might reasonably be expected to amount to 90 per cent. of the demand. It appears, however, that this standard was reached in only nine districts, the best results being attained in the Orissa Division. In nine districts the collections fell below 50 per cent., and in two of these (Noakholly and Mozufferpore) they amounted only to 21 and 20 per cent. respectively of the demand.

8. The Lieutenant-Governor is unable to accept the explanations given in the report as affording any sufficient excuse for this unsatisfactory result. It is a general plea of district officers that the realization of arrears by the certificate procedure under Act VII (B.C.) of 1868 is a cumbrous and dilatory process, and that successful khas management depends upon the exertions of subordinate agents, who are not always competent or energetic. But Mr. Eden is compelled to remark that the certificate process is at all events a more speedy and effective procedure than any which the law has put into the hands of ordinary proprietors, and that the punctual collection of rents under a system of direct management is one of the surest tests of that administrative ability which may be fairly looked for in a district officer. In all Government estates, whether farmed or held khas, the rents are fixed at moderate amounts, and the ryots are protected from all exactions in excess of the fixed assessment; and under these conditions

the Lieutenant-Governor thinks that better results ought to be achieved than were attained in the great majority of districts during the year under review. The successful management in some few districts, in Cuttack and Balasore, in Julpigoree and Darjeeling, shows that the Government is not unreasonable in demanding a much higher general standard. If the Collector of Gya can realize 93·4 per cent. of the demand on Government estates in his district, there is no tangible reason why the percentage in Monghyr should be only 30·2. The contrast between Bogra, with 87·2 per cent. of collections, and the adjacent district of Pubna, with only 38·6 per cent., is not sufficiently explained by the statement quoted in the report that the balance in Pubna "could not be realized for unavoidable reasons." The instance of the Tooshkhalli estate in Backergunge appears to show that the alleged difficulties of direct management can be overcome by firm and judicious administration. This estate has recently been taken under direct charge; it has just been re-settled at an enhanced rental, and the ryots are well known as an excitable and somewhat turbulent body of men. Nevertheless the entire demand of the estate was realized—a result which reflects much credit on the officer in charge of the collections.

9. Including ryotwaree tracts, and estates belonging to private persons, there were altogether 8,241 estates under the direct management of the officers of Government during the year. The charges of management were moderate, amounting only to 6·3 per cent. on the collections. Of the estates not belonging to Government, the most important was the large estate of Majnamoota in Midnapore, which was taken in charge in consequence of the default of the proprietors to pay the land revenue. A special report on the management of this estate has lately been submitted by the Board, and separate orders have been recorded upon it. The management has presented unusual difficulties; but fair progress has been made with the collection of the arrears which were due when the property was taken in charge, and the apparent deficiency in the amount of current collections is explained by the fact that about one-fourth of the nominal demand is not actually due within the official year, the accounts of the estate being made up according to the Umlee year.

10. The sales of Government estates during the year consisted only of some petty holdings in Calcutta, and of a few plots of railway lands which were no longer required. Detailed proposals, however, were made in the course of the year to the Government of India for the sale of a considerable number of estates, which, from their position or their size, do not admit of being profitably retained under Government management. Since the close of the year sanction to the sale of these estates has been received.

11. The total number of settlements effected during the year was 845, of which 67 were original settlements, 340 were re-settlements, and 438 were summary settlements. The net increase of Government revenue amounted to Rs. 68,321. The most important settlement work was in the districts of Chittagong, Pooree, Midnapore, and Backergunge. In Chittagong 46 original settlements were concluded, and fair progress was made with the re-settlement of the noabad talooks. In Pooree the work consisted of the re-settlement of the important estate of Khoordah. It will take two seasons more to complete this settlement, but a large increase in the present Government revenue may be expected. In Midnapore the Settlement Officer has been employed in the assessment of the two large estates of Jellamoota and Majnamoota, which are temporarily-settled estates not the property of Government. These two settlements have been completed since the close of the year, but the ryots have not accepted the enhanced rates, and the final confirmation of the settlements is still under consideration. In Backergunge a re-settlement of the valuable estate of Tooshkali at a largely enhanced rental was successfully carried out by the Soonderbuns Commissioner, Mr. Gomess. In Lohardugga the settlement of the large confiscated estate of Burkagurh was taken in hand, but the progress made was slow, and the survey of the estate has since been transferred to a professional party.

12. On the whole, the Lieutenant-Governor thinks that the settlement operations of the year have been fairly successful, and have resulted in a substantial increase of revenue without pressing inequitably upon any class of cultivators or proprietors. In Chittagong it appears that much of the land now

that the disputants are unwilling to submit their differences to the decision of the law. This would appear to be the case in the Dacca Division. In Behar, where the power of the landlords has practically been almost unlimited, it is reported that the ryots are showing a readiness to assert their rights and to resist illegal claims. It may be hoped that the recent orders for the reorganization of the putwari system in Behar will have a beneficial effect by the establishment of a trustworthy record of village accounts. Detailed rules on the subject have been lately framed by the Board, and are now under the consideration of Government.

23. On the whole, the result of the information which the Lieutenant-Governor has acquired in his visits to various parts of the Lower Provinces is that there has been little open display of animosity during the year between landlord and tenants, and it has not been necessary in any case to have recourse to the special procedure of the Agrarian Disputes Act. In some districts certainly there is every indication that the landlords and tenants who have been disputing for years are now coming to terms and making mutual concessions. The causes of dispute, however, have not been removed, and the real grievance is that the state of the law is such as practically to involve a denial of justice to either party who may attempt to put the law in motion. The zemindar who applies to the courts to obtain an enhancement of rents, or the recovery of arrears due to him—the ryot who complains of excessive demands, or of illegal distraint—finds himself hampered and eventually baffled by the technical and dilatory procedure which regulates the disposal of these classes of suits. So long as this is the case, it is to be apprehended that the differences will smoulder without being extinguished; that both parties will ordinarily remain quiescent, but that the latent animosity will from time to time break out in acts of violence and outrage. Such, in fact, has been the experience of the past year, two aggravated cases of the murder of zemindars by ryots having occurred—one in Furreedpore and the other in Midnapore. This evil can only be effectually remedied by an amendment of the law; and with this object the Lieutenant-Governor is desirous of introducing a measure to facilitate the realization of rents by a more speedy and summary procedure than now exists.

24. In the districts in which rent suits are still heard by Collectors (comprising the Orissa and Chota Nagpore Divisions and the districts of Darjeeling and Julpigoree) there was a small increase in the number of cases instituted. A special rent law for the Chota Nagpore Division will shortly be laid before the legislature.

25. The duty of inspecting Collectors' Offices is reported to have been regularly performed during the year, except in the districts of Chittagong and Purneah. But the Lieutenant-Governor observes that some explanation appears to be required of the very large increase in the number of pending cases on the files of the Collectors, as shown in Table No. XIX appended to the report. The cases remaining over from the previous year were 32,070—a number rather above the average of former years. The cases instituted during the year were greatly in excess of the average, and there was only a small increase in the number of cases disposed of, the result being that no less than 111,144 cases remained pending at the close of the year. It would seem that these heavy arrears, which occur in every division except Chota Nagpore, should have attracted the attention of Commissioners during their tours of inspection. In the Commissioners' offices the disposal of work was satisfactory, and the number of pending cases is comparatively small.

26. The transactions in sub-divisional treasuries showed a decrease both in receipts and disbursements as compared with the previous year, the figures being as follow:—

	1875-76.	1876-77.
	Rs.	Rs.
Receipts	1,51,27,827	1,30,89,157
Payments	1,17,94,137	1,16,18,939

As an addition was made to the number of sub-divisional treasuries during the year, and the working of the system is reported to have been satisfactory, it is not clear to what cause this falling off in the transactions is to be attributed, and no explanation on the subject is offered in the report. The decrease shown last year, as compared with the returns of 1874-75, was attributable to a normal

reaction following the extraordinary receipts and disbursements during the period of scarcity; but this explanation does not account for the continued falling off during the year under review, the transactions of the year having been considerably below those of 1872-73. The Lieutenant-Governor would ask the Board to institute an inquiry into the matter.

27. The state of the records appears to require attention, as there are already several complaints of want of room, and additional accommodation will be required for the putwari papers which are now being filed in Orissa and Behar. The subject should have the careful consideration of the Board.

28. The Lieutenant-Governor observes with satisfaction the large number of officers noticed in the report as having deserved commendation for the efficient discharge of their duties.

By order of the Lieutenant-Governor of Bengal,

H. J. REYNOLDS,

Secretary to the Government of Bengal.

RESOLUTION ON THE ADMINISTRATION REPORT OF THE
MUNICIPALITY OF THE SUBURBS OF CALCUTTA
FOR 1876-77.

MUNICIPAL.

Calcutta, the 23rd November 1877.

READ—

Letter No. 61MM, dated the 26th August last, from the Commissioner of the Presidency Division, submitting the Administration Report of the Municipality of the Suburbs of Calcutta for 1876-77.

Read also—

The Administration Report of the Municipality of the Suburbs of Calcutta for 1875-76, and the orders passed thereon.

THE gross income of the municipality during the year was Rs. 4,28,054, or Rs. 4,546 less than the estimate, and Rs. 6,342 less than the total receipts of the previous year. The collections of the house-rate were satisfactory, and the unrealized balance on account of the year was only Rs. 1,655 out of a total demand of Rs. 2,43,000. The assessment operations of the year resulted in an increase of Rs. 2,802 a quarter, which more than compensates for the loss of revenue from desertions and deteriorations in value during the previous year. The average rate levied in the area taken up by the assessor was Rs. 24 on each bricked house, Rs. 2-5 on each thatched house, and Rs. 4 on each garden. It is explained that many of the thatched houses in the area in question are used as store-houses and for other trading purposes. The fines realized by the establishment of the Magistrate of the district should be regularly paid in to the credit of the municipality. The collections on account of house-scavengering fell short of the estimate by Rs. 13,413. The difficulties in the way of extending the system under the present law thus appear to have been underrated. The advance account showed a balance outstanding of Rs. 597 only at the close of the year. The expenditure of the year amounted to Rs. 4,32,054, against an estimate of Rs. 4,82,600. A saving is shown under nearly every head. The sum of Rs. 10,443 entered as savings on account of police was disbursed after the close of the year. The Commissioner has rightly called upon the Chairman to report under what system contracts are given and stores purchased. Tenders should invariably be invited, and the grant of contracts should be made only with the approval of the Commissioners.

2. The question of the improvement of the water-supply in the suburbs has been carefully considered by the Commissioners during the year. Various projects for the construction of new, or the improvement of existing, tanks were discussed at different times, though, owing to the financial considerations involved, no particular plan was definitely adopted. While the question was in this stage, a communication was received from the Chairman of the Municipal Commissioners for Calcutta, inquiring if the Commissioners for the

brought under settlement had previously escaped assessment altogether. The Lieutenant-Governor entirely agrees with the Board in thinking that settlers, who may have laid out money upon these lands without possessing any valid title to them, should be dealt with in a liberal and conciliatory spirit. The unsatisfactory state of the law, as recently interpreted by the courts, regarding the power of a settlement officer to determine rates of rent, is noticed in the report, and has been the subject of separate correspondence. In the Lieutenant-Governor's opinion, the powers of a settlement officer to enhance rents should be just the same as the powers conferred on a proprietor under the ordinary rent law. In other words, he should not enhance except upon grounds upon which the law would allow a landlord to enhance. But rates of rent which have been fixed by a settlement officer on these principles, and approved by the superior revenue authorities, should be presumed by the civil court to be correct, until the contrary is shown in a regular suit. The Government of India have lately sanctioned the introduction of a legislative measure embodying these principles.

13. The paragraphs of the report which refer to the subjects of irrigation, drainage, and embankments will be considered by the Lieutenant-Governor in the Irrigation Branch of the Public Works Department.

14. The subordinate establishments of Sub-Deputy Collectors and Canoon-goes are reported to have worked well during the year, and they were found especially useful in assisting the operations connected with the introduction of the new Land Registration Act. This measure became law in August 1876, and all proprietors were required to register their names and interests within six months from the 1st November following. The number of mutation cases was consequently much larger than usual, 5,044 cases having been decided under the old Regulation VIII of 1800, and 7,618 cases under the new Act. The effects of this measure have as yet been only very partially realized; but it is confidently hoped that the maintenance of a complete and authoritative register of all lands, with the names and shares of the actual possessors, will be a great convenience both to the Government, to the landed proprietors, and to all classes of subordinates holders and ryots.

15. The statements of proceedings under the sale laws show that, of 4,825 estates and shares which became liable to sale under Act XI of 1859, only 496, or little more than one-tenth of the whole, were actually sold, the remainder having been exempted from sale on payment of the arrears due. The only district in which sales were numerous was Chittagong, in which 1,225 estates became liable to sale, and 286 were sold. This is attributed in the report to the difficulties and losses caused both to proprietors and tenants by the cyclone. But the Lieutenant-Governor observes that the number of estates sold for arrears of revenue in Chittagong amounted to 259 in 1875-76, to 277 in 1874-75, and to 318 in 1873-74; and while he fully recognizes the difficulty of making punctual collections from a large number of petty estates, he cannot but think it unfortunate that the sales for arrears in a single district should year after year be as numerous as those in all other districts together, and he would ask the Board to consider whether some remedy cannot be applied. The interests of the revenue require that the sale law should be stringent and comprehensive, but a Collector should use a discretion in refraining from putting this machinery in motion for the recovery of arrears amounting to perhaps a few annas.

16. The sales in other districts call for no special remark, and the law appears to have been administered with leniency and consideration. The revenue demand of the estates sold was Rs. 70,548, and the purchase-money realized was Rs. 6,81,216, or an average of a little more than nine times the Government revenue. The number of estates purchased on behalf of Government was 59, with a revenue demand of Rs. 1,348. Appeals against sales were preferred in 19 cases, and in seven of these the sales were annulled. In 11 other cases the Board recommended the annulment of sales under section 26, Act XI of 1859, on the ground of hardship to the proprietors.

17. The total number of partition cases disposed of during the year was 638, against 366 in the previous year; while there was also a decrease in the number of cases instituted, so that the files of pending cases have been considerably reduced, though they still represent about two years' work. The great majority

of the partition cases occurred in Behar, and five-sixths of the whole number disposed of belonged to the Patna Division. The new Partition Act (VIII B.C. of 1876) did not become law till September 1876, and its working has not yet been tested by experience. It is stated that at present it has had the effect of diminishing the number of cases instituted, as applicants for partition are now required to be recorded proprietors. But this result will, of course, be only temporary.

18. There is no doubt that in Behar generally, and especially in the districts of Mozufferpore and Durbhunga, the sub-division of property by means of the partition law is proceeding at a very rapid rate. The number of estates on the revenue roll in these two districts has trebled within the last 25 years, and in Mozufferpore alone no less than 1,531 additional estates have been formed by butwara during the last two years. In the opinion of the Collector this minute sub-division of property arises in a great measure out of disputes between shareholders connected with the practice of leasing indigo lands under the ticcadaree system; but whether this opinion is correct or not, the Lieutenant-Governor agrees with the Board in thinking that the matter is one in which it is not desirable that the Government should attempt to control the wishes and tendencies of the people. It may be added that the difference in this respect between Behar and other parts of the Lower Provinces is perhaps more apparent than real. In the Burdwan Division there was not a single partition case during the year; but it cannot on that account be supposed that no sub-division of landed property occurred. A system of subinfeudation, no less than a system of partition, has the effect of breaking up estates, and the social and economic results of the one system do not greatly differ from those of the other. It is true that the effects of the partition system are more prominently brought to the notice of a Collector, because the revenue of each of the partitioned estates has to be separately apportioned and realized, and difficulties might arise if this were carried to an extreme. But the law has provided against this by declaring that no separate estate shall be formed with a Government demand of less than one rupee, unless the land revenue is redeemed.

19. The redemptions of land revenue extended to 74 petty estates and holdings in Calcutta, the Suburbs, and Chittagong. The total amount of revenue redeemed was Rs. 137, and redemption was permitted at an uniform rate of 25 years' purchase. The number of redemptions exceeds that of the three previous years; but the average revenue of each holding has diminished. In two cases Government lands were alienated for public purposes without payment, one of these plots being for the site of a Magdalen Home in Calcutta, and the other for a Mahomedan cemetery in the district of Moorshedabad.

20. The total area of lands acquired for public purposes during the year was 6,255 acres, for which compensation was paid to the amount of Rs. 15,18,747, besides abatements of revenue amounting to Rs. 133. Some of the lands required for relief roads and tanks were given free of cost by the owners. The compensation paid for 14 acres 13 poles of land required by the Port Trust for roads, wharves, and tramways amounted to more than two-thirds of the whole sum expended, and the high value of land in Calcutta is strikingly illustrated by the fact that these lands cost on an average more than Rs. 70,000 an acre. About three lakhs of rupees were paid for lands taken up by the Irrigation Department, principally in the district of Midnapore.

21. There were no sales of waste lands during the year, but there was an increased demand in the Dooars for leases both of tea lands and of lands intended to be brought under ordinary cultivation.

22. An increase or decrease in the number of notices of enhancement of rent or relinquishment of lands issued during the year is considered to afford some test of the relations which exist between zemindars and their ryots. In 1876-77, as compared with the previous year, the notices of enhancement decreased from 8,710 to 8,216, while relinquishment notices increased from 8,073 to 9,051. But it is evident that these figures supply no real gauge of the general condition of the question. The total number of notices is so small that the action of a single zemindar may materially affect the result; and it must also be remembered that the diminished number of notices may be a sign, not that the disputes between the parties have been arranged, but merely

suburbs would desire to have the Calcutta water system extended to any part of the suburbs. This proposal has been favourably received, and the Commissioners are in correspondence with Mr. Metcalfe with the view of settling the preliminaries of the scheme. Mr. Eden will be glad to render the Commissioners every assistance should they desire to raise the necessary funds by municipal taxation. The assessment on house property in the suburbs, as the Commissioner remarks, amounts only to $7\frac{1}{2}$ per cent., against an assessment of more than 15 per cent. in Calcutta.

3. The Commissioners have directed their attention to the improvement of the clusters of huts known as bustees, selecting for the first experiment the Gossain bustee immediately to the south of the Cathedral. The condition of this block, as described in the report of Drs. Chandra and French, is such as to call urgently for the interference of the Commissioners. Definite recommendations for its improvement have been made, and the owners have been called upon to give effect to them within a specified period. There are many difficulties in the way of a complete measure of reform in respect of these bustees, but the Lieutenant-Governor trusts that, with the exercise of conciliation and public spirit on both sides, the Commissioners and the proprietors will arrive at a satisfactory conclusion on a subject which is intimately connected with the general health of the suburbs. It appears from a separate report which has been received on this subject that five bustees have during the past two years been taken up for public purposes and cleared. Where this is possible, it appears to be by far the most satisfactory solution of the difficulty; and if the lands when cleared and improved are let on building leases for the erection of houses on plans approved by the Commissioner, it should be possible to carry out a steady improvement in the suburbs at a very small cost.

4. The most important point connected with the conservancy operations of the year was the gradual extension of the system of house-scavengering. The Commissioners have under the law no power of enforcing payment for work done by the municipal mehters. Fees are demanded in advance, and if they are not paid, the municipality refuse to send their mehters. Then if, as usually happens, private scavengering is omitted, the Commissioners threaten a prosecution for the privies being kept in a filthy state. In the face of these difficulties, Mr. Eden considers it very creditable that so many as 15,100 out of 40,000 houses have been brought under the system. It has been separately reported that of the remainder many are situated in thinly-peopled rural quarters to which the system is inapplicable. It appears, however, that these operations should be assisted by the direct action of the law, and the point will be borne in mind when the Act comes to be revised. There appears to be some difficulty regarding the disposal of the night-soil, and Mr. Mangles' suggestion that it should be utilized on sewage, farms, or gardens, to be taken up by the municipality, is worthy of attention. This course has been followed with advantage by more than one municipality in the Upper Provinces.

5. The registration of births was not conducted with success, the result being an average-birth-rate of 15·27 only per mille. The average mortality among the different races was 51·46 per mille, or 50·12 for males and 53·36 for females. The death-rate ranged from 68·47 among Christians and 55·16 among Hindoos to 45·36 among Mahomedans and 17·54 among other races. In Calcutta the mortality among the different classes of natives is 31·3 for Hindoos and 28 for Mahomedans. These figures are quite in keeping with the respective characters of the native populations, that of Calcutta being generally migratory, while that of the suburbs is comparatively fixed. The various points in connection with the health of the suburbs have been dealt with in the Sanitary Commissioner's report.

6. Of the non-official Commissioners, Rai Jadub Chunder Ghose, Bahadoor, Syud Gholam Ali, Baboos Jagudanund Mookerjee and Umbica Churn Roy, and Mr. James Blackburn were most regular in their attendance at the deliberations of the Municipality.

By order of the Lieutenant-Governor of Bengal,

HORACE A. COCKERELL,

Offg. Secretary to the Govt. of Bengal.

Rainfall, Weather, and State and Prospects of the Crops.

Statement showing Rainfall, Weather, and State and Prospects of the Crops in the different Districts of Bengal, as reported to Government during the week ending the 24th November 1877.

No.	District, and date of return.	Rainfall at Sudder Station in inches.	Character of the weather, state and prospects of the crops, and state of health at date.
BENGAL.			
<i>Western Districts.</i>			
BURDWAN DIVN.	1 Burdwan, Nov. 24 '77	Nil	No rain. Reaping of <i>amun</i> and sowing of <i>rubbee</i> are going on. No change in the prospects on the whole since last report.
	2 Bankoora, „ 24 „	Nil	Weather—clear and cool. <i>Amun</i> is fast ripening. No change in the prospects of the winter crop.
	3 Beerbhoom, „ 24 „	Nil	Weather—rather warm for this time of the year. No change to report in the state and prospects of the crops.
	4 Midnapore, „ 24 „	Nil	Weather—rather warm, otherwise seasonable. State and prospects of the crops are fair.
	5 Hooghly, „ 24 „	Nil	Weather—seasonable. Harvesting of late rice has commenced. Sugarcane is being cut. <i>Rubbee</i> sowings are going on. Vegetables are doing well. Fever is very prevalent.
	Howrah, „ 26 „	Nil	Weather—too hot to be seasonable. Rice harvest is commencing on the high lands. Taking high lands and low lands together the crop is quite up to the average in the south of the district. The northern part of the Sudder sub-division is worst off, but even there the low land crop is good.
<i>Central Districts.</i>			
PRESIDENCY DIVN.	6 24-Pergunnahs, Nov. 24 '77	Nil	Weather—rather warm for the time of year. State and prospects of the crops are satisfactory. The winter harvest has begun. Fever is prevalent in Busserhat sub-division, and sporadic cases of cholera are reported from all parts of the district.
	7 Nuddea, „ 24 „	Nil	Weather—warm in the day, but heavy dews at night. No rain. The <i>amun</i> crop is said to be satisfactory in all the sub-divisions except Kooshtea, where the outturn is poor. The winter crops promise well. Fever is bad in Kooshtea and Bongong, and cholera is prevalent in many parts of the district.
	8 Jessore, „ 24 „	Nil	Weather—seasonable. Crops on the whole promise well. The outturn on the high lands will probably be rather short owing to insufficient rain. Fever is very prevalent throughout the district. Cholera is increasing.
	9 Moorshedabad, „ 24 „	Nil	Temperature unseasonably warm. Prospects of crops continue to be as good as reported last week. Harvesting of <i>amun</i> is in fair progress. Prices of rice are almost steady. Cholera and fever are still prevalent in Berhampores Jungypore and Lalbagh sub-divisions. In Rampore Hat public health is good.
RAJSHAHY AND COCHIN BISHAR DIVN.	10 Dinagepore, „ 23 „	Nil	Rather unseasonably warm, as if bad weather was coming. State and prospect of the crops are very good. Reaping of rice crop has commenced. Ten deaths from cholera reported, principally in the south, during the week.
	11 Rajshahye, „ 24 „	Nil	Weather—clear. Days rather hot, but nights cold with heavy dew. In places where the winter rice crop has ripened it is being cut. <i>Rubbee</i> crops are flourishing, but a little rain would improve them. There have been several cases of cholera in different parts of the district, and fever is still prevalent.
	12 Rungpore, „ 23 „	Nil	Weather—dry, with a westerly wind in the afternoons. State and prospects of all kinds of crops continue to be most satisfactory. Mustard is being sown, and nearly all the tobacco has now been transplanted. Fever of the intermittent type is more prevalent than during last week. Cholera has broken out in Gobindgunge, but is diminishing in Bhowanigunge.
	13 Bogra, „ 24 „	Nil	Weather—dry and clear, and warm for the time of year. Reaping of <i>amun</i> has begun, and there is every probability of a bumper harvest. Minor crops are looking well. Cholera is on the increase, chiefly in the western part of the district; 859 deaths have occurred since the outbreak of this disease. Fever too is prevalent.

No.	District, and date of return.	Rainfall at Sudder Station in inches.	Character of the weather, state and prospects of the crops, and state of health at date.
BENGAL.—(Continued.)			
Central Districts.			
RAJSHAHY AND COOCH BEHAR DIVN.	14 Pabna, Nov. 24 '77	Nil	Weather—fine, cool, and seasonable. Reaping of <i>amun</i> has commenced, and consequently no more rain is now required. State and prospects of winter crops appear to be good. Fever is still prevalent in the town, and cholera has appeared in many places in the mofussil.
	15 Darjeeling, „ 23 „	Nil	Alternate sunshine and hazy weather, with signs of rain. Heavy dew at night. The early <i>haimunti</i> rice is being reaped in some places. All the crops promise a very fair outturn.
	16 Julpigoree, „ 24 „	Nil	Weather—somewhat too hot to be seasonable. Prospects of the winter rice are good. Transplantation of tobacco in some places is nearly complete, and in others has just commenced. Mustard and potato sowings are over. Land is being prepared for barley and wheat. Sugarcane promises well. Public health is not yet good. Fever is still prevalent in the town of Julpigoree.
	Cooch Behar, „ 22 „	Nil	Weather—fair and moderately cool. Prospects of the crops are not bad. <i>Amun</i> rice is in ear and promises an average outturn. Fever is prevalent in the Sudder and Mekligunge sub-divisions, but the health of the district is generally good.
Eastern Districts.			
DACCA DIVN.	17 Dacca, Nov. 24 '77	Nil	Weather—very warm for the season, but not unfavourable for crops. State and prospects of the crops are favourable. Cholera and fever are bad in Manickgunge sub-division and cholera in part of Sudder.
	18 Furreedpore, „ 24 „	Nil	Weather—clear, and cooler than during the previous week. Prospects of the crops continue the same as before. The early kinds of <i>amun</i> are being cut. Moderate rain is required for the preparation of lands for the spring crops. Fever is prevalent, especially at head-quarters and Goalundo. There have been numerous cases of cholera at Furreedpore, but not in an epidemic form; it seems to be now disappearing.
	19 Backergunge, „ 22 „	Nil	Weather—seasonable. In consequence of continued drought the crops on the high lands have to a certain extent been injured, but the general outturn is expected to be fair. The new rice is coming into market in small quantities. Cholera and fever have made their appearance in the police-stations of Nulchitti, Backergunge, Gournadi, Mendigunge, Shoropkati, and Motbaria, and a few deaths are reported therefrom.
	20 Mymensingh, „ 23 „	Nil	Weather—settled, but warm for the time of year. Prospects of the crops are excellent, but prices continue extraordinarily high.
CHITTAGONG DIVN.	21 Tipperah, „ 23 „	Nil	Weather—fine, but rather warm for the time of year. Prospects of all crops are good.
	22 Chittagong, „ 22 „	Nil	Weather—fine and seasonable. State and prospects of the crops are very good.
	23 Noakholly, „ 22 „	Nil	Weather—warm for the season. Reaping of early <i>amun</i> has begun on the churs and high lands. Prospects are fair. Much land was left uncultivated in Hatia. Public health is not so good as when last reported. Fever and cholera cases occur.
	24 Chittagong Hill Tracts, „ 20 „	Nil	Weather—cool and foggy in the morning up to 8 A.M. The plough cultivators' paddy crop is now being harvested; a very poor outturn is anticipated in places where the crop was damaged by the floods in September last. Mustard is being sown here and there. The gathering of cotton still continues. The <i>ex-officio</i> Assistant Commissioner of Cox's Bazar reports that "crops are healthy and promise a good outturn."
	Hill Tipperah, „ 21 „	Nil	Weather—still warm in the daytime. The cutting of <i>amun</i> crops continues; the outturn promises to be excellent.
BEHAR.			
PATNA DIVISION.	25 Patna, Nov. 24 '77	Nil	Weather—unusually hot for the time of year. State and prospects of the crops are good, but if this abnormal heat continues, rain will be wanted for the <i>rubbee</i> .
	26 Gya, „ 24 „	Nil	Weather—warm in the middle of the day and sky occasionally clouded over. Maximum thermometer in the shade 89° 6". Prospects of the crops are unchanged. Some rain is hoped for and would do much good.
	27 Shahabad, „ 24 „	Nil	Weather—cloudy and hot. In Buxar <i>rubbee</i> crops have been sown and have germinated. In Bhubbobah rice is being harvested; other <i>aghani</i> crops are in bad condition for want of rain; <i>rubbee</i> sowings are about to close, and the young plants are drying in many places for want of rain. No report received from Sasseram. In the head-quarters subdivision <i>rubbee</i> crops are still being sown, and in places where germinated are doing well from being irrigated from canal water. Health of the district is good.
	28 Durbhunga, „ 24 „	Nil	Weather—unusually warm for this time of the year. The <i>rubbee</i> has germinated well. The low lying <i>dhan</i> lands promise well, but the high land <i>dhan</i> has suffered, and the outturn will not, it is feared, be satisfactory.

No.	District, and date of return.	Rainfall at Sudder Station in inches.	Character of the weather, state and prospects of the crops, and state of health at date.
BEHAR.—(Continued.)			
PATNA DIVISION.	29 Mozufferpore, Nov. 24 '77	Nil	Weather—warm and unseasonable. There is no change to report in the prospects of the crops.
	30 Sarun, „ 24 „	Nil	Weather—bright and clear. East and west wind. No change in the prospects of the crops since last report. <i>Rahur</i> and cotton are good; sugarcane is being cut and put into the mills. Paddy that has been saved is fast ripening in some places; it is being cut. <i>Rubbee</i> has germinated well; rain is much wanted to accelerate a healthy growth. Poppy is being put in the ground. Indigo fields are being prepared for the next year's crop.
	31 Chumparun „ „	.....	Return not received.
BHAGULPORE DIVN.	32 Monghyr, Nov. 24 „	Nil	Weather—still very hot. Prospects of the crops are unchanged.
	33 Bhagulpore, „ 25 „	Nil	Weather—cloudy and hot. State and prospects of the crops are the same as last week. Cholera and fever are very prevalent.
	34 Purneah, „ 24 „	Nil	Weather—fine. Nights getting cold. Prospects of crops continue fair. <i>Aghani dhan</i> is being cut. Fever is very general, and cholera is reported from two or three places.
	35 Maldah, „ 24 „	Nil	Weather—fair and rather warm. Harvest of <i>amun</i> (coarse kind) has commenced; in some parts a bumper crop is reported, but generally a good average of 12 or 13 annas. The <i>haimunti</i> is nearly ripe and promises well. Fever is still very prevalent, and sporadic cases of cholera have been reported during the week.
	36 Sonthal Pergah, „ 25 „	Nil	Weather—warm and occasionally cloudy. <i>Dhan</i> continues good; rain is wanted for the <i>rubbee</i> .
ORISSA.			
ORISSA DIVS.	37 Cuttack, Nov. 24 '77	Nil	Weather—fine and hot. The crops are doing well. No change from last week.
	38 Pooree, „ 22 „	Nil	Weather—seasonable. In Khoordah it is reported <i>sarad</i> crops are being irrigated in several places. In other parts of the district, where irrigation is not possible, the crops on the high lands are suffering. <i>Laghu</i> crop which survived the drought is being harvested. <i>Sarad</i> rice in some places is coming to ear and in others is in ear. <i>Rubbee</i> , sugarcane, and other miscellaneous crops are thriving. The state of the crops in the tracts situated between the Chilka and the sea is worse than in any other part of the district. Relief is being given to the people of those parts from funds contributed by private individuals. Cholera has made its appearance in the city.
	39 Balasore, „ 23 „	Nil	Weather—cold. No rain in any part of the district, so that the cold-weather crops will be retarded. The <i>dhan</i> crop is doing fairly well, and there is no special change to report since last week. A good deal of sickness prevails in the north of the district.
CHOTA NAGPORE.			
South-West Frontier Agency.			
40 Hazareebagh, Nov. 23 '77		Nil	No change to report in the state and prospects of the crops.
41 Lohardugga, „ 24 „		Nil	Weather—seasonable and cold. The harvest operations are actively proceeding, and the outturn so far over most part of the district is good. <i>Rubbee</i> crops promise well at present.
42 Singbhoom, „ 23 „		Nil	Weather—seasonable. Nothing to report about the rice crop. The cold-weather crops are doing well. The district is reported healthy.
43 Manbhoom, „ 24 „		Nil	Weather—pleasant. No signs of rain. State and prospects of the crops are much the same as reported last week. Rain is much needed for the <i>rubbee</i> crops.

Published for general information.

CALCUTTA, STATISTICAL DEPT.,
The 27th November 1877.A. MACKENZIE,
Secy. to the Govt. of Bengal.

Weekly Report of Rainfall compiled at the Meteorological Reporter's Office.

DIVISIONS.	DISTRICTS.	STATIONS.	Rain from 4th to 10th Nov. 1877.	Rain from 11th to 17th Nov. 1877.	RAIN FROM 1ST JANUARY 1877.		REMARKS.	
					Inches.	Up to date.		
BENGAL.								
BURDWAN.	WESTERN DISTRICTS.	Burdwan	Nil	Nil	50.32	17th Nov.		
		Cutwa	ditto	ditto	62.69	ditto		
		Culina	ditto	ditto	53.12	ditto		
		Bood-Bood	ditto	ditto	47.21	ditto		
		Raneegunge	ditto	ditto	58.00	ditto		
		Jehanabad	ditto	ditto	79.34	ditto		
		Bankoora	ditto	ditto	54.51	ditto		
		Sooree	ditto	ditto	56.85	ditto		
		Hetampore	ditto	ditto	57.48	ditto		
		Roypore	ditto	ditto	53.42	ditto		
	CENTRAL DISTRICTS.	Midnapore	ditto	Not recd.	45.95	10th Nov.		
		Tumlook	ditto	Nil	43.90	17th Nov.		
		Ghattal	ditto	ditto	63.61	ditto		
		Contai...	{ Dy. Collr.'s Office...	ditto	ditto	75.44	ditto	
		Hooghly	{ Exe. Engr.'s Office	ditto	Not recd.	64.99	10th Nov.	
			Hooghly	ditto	Nil	54.97	17th Nov.	
		Seraimpore	0.68	ditto	55.84	ditto		
		Howrah	Howrah	Nil	ditto	61.78	ditto	
		Maheshreeka	ditto	ditto	61.65	ditto		
		PRESIDENCY.	24. Pergunnahs.	Saugor Island	ditto	ditto	74.54	ditto
Calcutta	ditto			Not recd.	61.22	10th Nov.		
Alipore	{ Dispensary			ditto	Nil	64.75	17th Nov.	
Jail	ditto			ditto	63.53	ditto		
Busseerbat	ditto			ditto	60.19	ditto		
Baraset.	ditto			ditto	56.23	ditto		
Diamond Harbour	ditto			ditto	66.71	ditto		
Barriepore	0.25			ditto	72.67	ditto		
Satkhira	Nil			ditto	75.16	ditto		
Barackpore	ditto			ditto	57.43	ditto		
Nuddea	Dum-Dum		0.41	ditto	54.94	ditto		
	Kishnaghur		0.12	ditto	69.69	ditto		
	Bongong		Nil	ditto	75.77	ditto		
	Meherpore		ditto	ditto	73.67	ditto		
	Chooadanga		ditto	ditto	74.15	ditto		
	Kooshtea		0.03	ditto	96.57	ditto		
	Ranaghat		Nil	ditto	61.24	ditto		
	Jessore		ditto	ditto	68.14	ditto		
	Narail		ditto	ditto	71.83	ditto		
	Khoolna		ditto	ditto	73.12	ditto		
Jessore	Jhenida		0.23	ditto	74.25	ditto		
	Bagirhat		Nil	ditto	77.44	ditto		
	Magoorah		ditto	ditto	81.21	ditto		
	Berhampore		ditto	ditto	62.95	ditto		
	Rampore Haut		ditto	ditto	60.44	ditto		
	Lalbagh		ditto	ditto	64.88	ditto		
	Moorshedabad		Jungypore	ditto	ditto	52.04	ditto	
	Azimungunge		ditto	ditto	63.41	ditto		
	Laligolla		ditto	ditto	54.46	ditto		
	Kandee		ditto	ditto	62.27	ditto		
Dinagapore	Dinagapore		ditto	ditto	66.71	ditto		
	Raigunge		ditto	ditto	58.61	ditto		
	Maldah		ditto	ditto	73.40	ditto		
	Chanchal		ditto	ditto	54.11	ditto		
	Bauleah		ditto	ditto	77.58	ditto		
	Nattore		ditto	ditto	80.50	ditto		
	Rungpore		ditto	ditto	90.94	ditto		
	Bhabanigunge		ditto	ditto	64.86	ditto		
	Kurigram		ditto	ditto	80.28	ditto		
	Bagdogra		ditto	ditto	24.08	ditto	Not recorded 3rd June to 3rd November.	
RAJSHAHY.	Bogra	ditto	ditto	75.04	ditto			
	Sherpore	ditto	ditto	78.05	ditto			
	Nowkhilla	ditto	ditto	75.43	ditto			
	Panchabibi	ditto	ditto	54.88	ditto			
	Hatulya	ditto	ditto	64.61	ditto	Not recorded 9th to 15th September.		
COCH BEHAR.	Pubna	ditto	ditto	98.30	ditto			
	Seraigunge	ditto	ditto	78.34	ditto			
	Darjeeling	Darjeeling	{ Telegraph Office	ditto	Not recd.	10th Nov.		
	Hospital	ditto	Nil	105.94	17th Nov.			
	Julpigoree	Julpigoree	ditto	ditto	94.20	ditto		
COCH BEHAR.	Bodah	ditto	ditto	96.96	ditto			
	Buxa—Civil Surgeon's Office	ditto	ditto	185.38	ditto			
	Titilya	ditto	ditto	89.08	ditto			
	Cooch Behar Tributary States.	Cooch Behar	ditto	ditto	107.33	ditto		

DIVISIONS.	DISTRICTS.	STATIONS.	Rain from 4th to 10th Nov. 1877.	Rain from 11th to 17th Nov. 1877.	RAIN FROM 1ST JANUARY 1877.		REMARKS
					Inches.	Up to date.	
BENGAL—continued.							
Dacca.	EASTERN DISTRICTS.		Inches.	Inches.	1877.		
		Dacca... { Telegraph Office ... Nil Not recd. 85'13 10th Nov.	Hospital ... Nil 87'96 17th Nov.				
	Furreedpore	Moonsheegunge ... ditto 125'78 ditto	Manickgunge ... ditto 80'16 ditto				
		Furreedpore ... ditto 96'36 ditto	Goalundo ... ditto 88'36 ditto				
		Madaripore ... ditto 90'11 ditto					
	Backergunge	Borrisal ... 0'03 ditto 88'01 ditto	Perozepore ... Nil ditto 94'38 ditto				
		Patoakhally ... 0'15 ditto 104'31 ditto	Bhola ... Nil ditto 95'82 ditto			From 4th February.	
	Mymensingh	Mymensingh ... ditto 114'48 ditto	Jamulpore ... ditto 88'84 ditto				
		Atia ... ditto 88'65 ditto	Kishoregunge ... ditto 95'08 ditto				
CHITTAGONG.	Chittagong	Chittagong { Telegraph Office ditto ditto 111'90 ditto	Jail ... 0'10 ditto 124'08 ditto				
		Cox's Bazar ... 0'04 ditto 148'52 ditto					
	Noakholly	Noakholly ... Nil ditto 122'47 ditto	Fenny ... 0'16 ditto 128'67 ditto				
	Tipperah	Comilla ... 0'03 ditto 103'70 ditto	Brahmunbariah ... Nil ditto 91'29 ditto				
	Chittagong Tracts.	Hill Rungamatee Hill... 0'05 ditto 133'06 ditto					
		Hill Tipperah ... Nil ditto 83'65 ditto					
	BEHAR.						
PATNA.	Patna	Patna ... ditto ditto 31'12 ditto	Behar ... ditto 43'24 ditto				
		Barh ... ditto 40'19 ditto	Dinapore { Jail Not recd. Not recd. 21'42 3rd Nov.	Cantonment... Nil Nil 23'18 17th Nov.			
	Gya	Gya ... ditto ditto 43'61 ditto	Nowadah ... ditto 45'71 ditto			Not recorded 18th to 24th September.	
		Aurangabad ... ditto 27'95 ditto	Jehanabad ... ditto 26'73 ditto			Not recorded 12th January and 4th to 10th February.	
	Shahabad	Arrah ... ditto ditto 28'37 ditto	Sasserah ... ditto 26'69 ditto				
		Buxar ... ditto 22'20 ditto	Bhuboah ... ditto 26'69 ditto			Not received 19th to 25th August.	
	Mozufferpore	Mozufferpore ... Not recd. Not recd. 27'38 27th Oct.	Hajepore ... ditto 40'35 ditto				
		Seetamurhee ... ditto 34'37 ditto					
Durbhunga	Durbhunga ... Nil Nil 53'34 17th Nov.	Mudhoobannee ... ditto 48'49 ditto					
	Tajpore ... ditto 32'14 ditto						
Saran	Chupra ... ditto ditto 26'69 ditto	Sewan ... ditto 31'38 ditto					
Chumparan	Motiharee ... ditto ditto 27'31 ditto	Bettiah ... ditto 35'41 ditto					
	Segowlie ... ditto 37'28 ditto						
Monghyr	Monghyr ... ditto ditto 39'46 ditto	Begoeserai ... ditto 33'05 ditto					
	Jamoece ... ditto 33'77 ditto						
Bhagulpore	Bhagulpore ... ditto ditto 51'05 ditto	Soopool ... ditto 44'31 ditto					
	Muddehpooora ... ditto 50'59 ditto	Banka ... ditto 45'10 ditto					
	Sonbursa ... ditto 39'40 ditto						
Purneah	Purneah ... ditto ditto 55'33 ditto	Kissengunge ... ditto 65'84 ditto					
	Arrareah ... ditto 60'95 ditto						
Sonthal Pergunnahs...	Nya Doomka ... ditto ditto 63'13 ditto	Rajmehal ... ditto 55'30 ditto					
	Deoghur ... ditto 55'24 ditto	Godda ... ditto 43'77 ditto					

DIVISIONS.	DISTRICTS.	STATIONS.	Rain from 4th to 10th Nov. 1877.	Rain from 11th to 17th Nov. 1877.	RAIN FROM 1ST JANUARY 1877.		REMARKS.
					Inches.	Up to date.	
ORISSA.	Cuttack	Cuttack... { Telegraph Office	Nil	Nil	38'40	17th Nov.	
		... { Hospital	ditto	ditto	41'13	ditto	
		Jajpore ...	ditto	ditto	53'55	ditto	
		Kendraparah ...	ditto	ditto	50'63	ditto	
		Jagatsingapore ...	ditto	ditto	37'45	ditto	
	Pooree	False Point ...	ditto	ditto	79'20	ditto	
		Pooree ...	ditto	ditto	35'15	ditto	
		Khurdah ...	ditto	ditto	42'67	ditto	
	Balasore	Balasore—Collector's Office ...	ditto	ditto	66'72	ditto	
		Bhadrack ...	ditto	ditto	55'81	ditto	
		Jellasore ...	ditto	ditto	67'91	ditto	
		Sorah ...	ditto	ditto	54'83	ditto	
	Cuttack Tributary Mehals.	Chandbally ...	ditto	ditto	54'34	ditto	
		Sumbalpure ...	ditto	Not recd.	66'74	10th Nov.	
	CHOTA NAGPORE.						
	SOUTH-WESTERN FRONTIER AGENCY.						
	Hazareebagh	Hazareebagh... { Jail	ditto	Nil	44'45	17th Nov.	
		... { Dispensary	ditto	ditto	46'13	ditto	
	Lohardugga	Pachamba ...	ditto	ditto	45'07	ditto	
		Ranchee ...	ditto	ditto	58'31	ditto	
	Singbhoom	Palamow ...	ditto	ditto	49'13	ditto	
		Chyebassa ...	ditto	ditto	67'47	ditto	
	Manbhoom	Purulia ...	ditto	ditto	61'37	ditto	
		Govindpore ...	ditto	ditto	47'12	ditto	
	ASSAM & ADJACENT HILLS.						
	Sylhet	Sylhet ...	ditto	ditto	156'55	ditto	
		Sibsagar ...	ditto	Not recd.	88'58	10th Nov.	
	Sibsagar	Golaghat ...	ditto	ditto	71'77	ditto	
		Jorhat ...	ditto	ditto	71'69	ditto	
		Deopanie ...	ditto	ditto	81'35	ditto	
		Hattie Pootie ...	0'01	ditto	76'74	ditto	
		Mazengah ...	0'02	ditto	61'51	ditto	
		Nazira ...	0'05	ditto	65'10	ditto	
		Suntock ...	Nil	ditto	82'25	ditto	
		Cherideo ...	ditto	ditto	70'03	ditto	
		Akyab ...	6'60	Nil	141'41	17th Nov.	
	Rajpootana	Alwar ...	Nil	ditto	3'05	ditto	
		Jaipur ...	0'02	ditto	9'50	ditto	
		Sambhar ...	0'70	ditto	8'85	ditto	

CALCUTTA,
The 24th November 1877.

JOHN ELIOT, M.A.,
Meteorological Reporter to the Govt. of Bengal.

Meteorological Telegraphic Report for the period 18th to 24th November 1877.

STATIONS.	Date	Hour.	Barometer reduced to 32°.	Barometer reduced to sea-level.	HYGROMETER.		Humidity Sat. = 100.	WIND.		Rain.	Clouds.	Weather initials.
					Dry.	Wet.		Direction.	Velocity.			
ALIPORE.	Nov. 18th	10	30.065	30.087	81.2	70.2	66	S W by W	1.5	.....	.....	b
		16	29.964	29.985	85.0	68.0	38	N W by W	6.3	.....	C	b
	19th	10	30.098	30.120	78.0	70.8	66	E by S	1.3	.....	.....	b
		16	29.965	29.987	63.5	69.1	45	N by E	4.5	.....	.....	b
	20th	10	30.062	30.084	78.7	70.3	63	E N E	3.5	.....	.....	b
		16	29.935	29.957	82.7	68.7	46	W by N	4.0	.....	K	c
	21st	10	30.071	30.093	79.1	69.2	58	N by E	1.5	.....	C	b
		16	29.947	29.969	83.1	68.8	45	N W by W	5.7	.....	.....	c
	22nd	10	30.088	30.110	78.0	69.2	61	W S W	2.0	.....	.....	b
		16	29.967	29.979	83.0	70.0	49	N by E	5.7	.....	FK	b
	23rd	10	30.088	30.110	79.0	70.0	61	N S W	1.0	.....	.....	b
		16	29.961	29.983	83.2	70.2	49	N	5.8	.....	.....	c
SAGOR ISLAND.	Nov. 18th	10	30.076	30.098	78.2	69.7	63	N	4.0	.....	C	c
		16	29.953	29.975	82.6	70.3	51	N W by W	4.5	.....	C, CS	c
	Nov. 18th	10	30.071	30.077	82	75	71	W N W	3.3	.....	.....	b, m
		16	29.969	29.975	85	77	63	S W	8.3	.....	C	b
	19th	10	30.095	30.101	80	73	70	N W	3.0	.....	.....	b, m
		16	29.968	29.974	84	72	54	S W	4.4	.....	.....	b
	20th	10	30.046	30.052	81	73	67	N W	4.5	.....	.....	b
		16	29.938	29.944	84	71	50	N N W	6.5	.....	.....	b, m
	21st	10	30.069	30.075	80	72	66	N	4.3	.....	.....	b, m
		16	29.952	29.958	84	71	50	N N W	5.5	.....	FK	b, m
	22nd	10	30.088	30.094	81	72	62	N N W	4.1	.....	.....	b, m
		16	29.963	29.969	84	72	54	N N E	5.4	.....	PK	b, m
CHITTAGONG.	Nov. 18th	10	30.070	30.076	81	72	62	N N W	4.0	.....	PK	b, m
		16	29.965	29.971	84	72	54	N N W	7.2	.....	CK	b, m
	19th	10	30.070	30.076	81	72	62	N E	5.0	.....	C	b, m
		16	29.956	29.962	83	72	57	N W	5.5	.....	C, CK	b, v
	Nov. 18th	10	29.983	30.078	78	76	81	N E	3.0	.....	.....	m
		16	30.003	30.097	77	71	73	N	3.7	.....	.....	b, v
	19th	10	29.960	30.053	78	72	74	N N E	3.0	.....	.....	m
		16	29.980	30.073	79	72	70	E	2.1	.....	.....	b, m
	21st	10	29.982	30.085	80	76	82	CALM	2.2	.....	.....	b, v
		16	30.000	30.093	80	76	82	CALM	2.2	.....	.....	b, v
	23rd	10	29.978	30.071	79	73	74	E	1.4	.....	C	v
	24th	10	30.060	30.082	79	75	82	E	1.3	.....	C	b
ARAB.	Nov. 18th	10	30.042	30.064	78	73	78	E	1.7	.....	C	b
		16	30.042	30.064	78	73	78	E	1.4	.....	.....	b
	19th	10	30.025	30.047	78	71	70	N E	1.2	.....	.....	b
		16	30.076	30.098	81	75	74	E	1.1	.....	CK	b
	21st	10	30.071	30.093	82	76	75	E N E	1.3	.....	.....	b
		16	30.056	30.078	82	77	79	N E	2.0	.....	C	b
	Nov. 18th	10	30.018	30.101	82	70	52	W	0.9	.....	.....	b
		16	30.043	30.126	81	69	52	W	0.6	.....	.....	b
	19th	10	29.983	30.066	82	70	52	N	0.6	.....	.....	b
		16	30.009	30.092	80	69	55	E	0.6	.....	.....	b
	21st	10	30.026	30.109	80	70	58	S W	1.0	.....	.....	b
		16	30.013	30.096	82	70	52	N E	0.6	.....	.....	b
CUTTACK.	Nov. 18th	10	30.025	30.108	78	69	61	N N W	0.7	.....	C	b
	Nov. 18th	10	30.089	30.104	81	73	67	W	3.8	.....	.....	b
		16	30.103	30.118	80	71	62	N N W	4.5	.....	.....	b
	19th	10	30.052	30.068	82	71	66	N	2.8	.....	.....	b
		16	30.072	30.087	80	71	62	W	2.5	.....	.....	b
	21st	10	30.092	30.107	80	70	58	W N W	2.8	.....	.....	b
		16	30.082	30.097	81	72	62	E N E	3.3	.....	C	b
	23rd	10	30.102	30.117	80	73	70	W N W	3.3	.....	C, CS	c
	24th	10	30.067	30.099	81	71	59	E	1.2	.....	.....	b
		16	30.096	30.128	81	72	62	E	1.2	.....	.....	b
	19th	10	30.074	30.106	82	71	56	S E by E	1.1	.....	.....	b
		16	30.076	30.108	81	70	56	E by S	0.8	.....	.....	b
VIZAGAPATAM.	Nov. 18th	10	30.089	30.121	80	70	58	E by S	1.1	.....	.....	b
		16	30.047	30.079	80	70	58	E	2.0	.....	.....	b
	21st	10	30.059	30.091	80	71	62	N N W	2.7	.....	.....	b
	Nov. 17th	10	30.017	30.040	79	76	87	N by W	9	0.65	.....	cloudy
		16	29.915	29.938	81	76	78	N by E	10	.....	.....	cloudy
	18th	10	30.052	30.074	85	79	76	N E by E	11	1.56	.....	c
		16	29.950	29.973	82	77	79	E N E	10	0.03	.....	c
	19th	10	30.085	30.108	84	76	68	N E by S	14	0.01	.....	cloudy
		16	29.966	29.989	81	74	71	N E by N	10	.....	.....	cloudy
	20th	10	30.056	30.079	84	75	64	N E by N	14	.....	.....	c
		16	29.949	29.972	82	74	67	N N E	14	.....	.....	c
	21st	10	30.003	30.066	84	74	60	N N E	11	.....	.....	c
MADRAS.	Nov. 18th	10	30.061	30.114	82	74	67	N E by N	11	.....	.....	c
		16	29.970	29.993	82	74	67	S W	9	.....	.....	c
	19th	10	30.055	30.078	83	73	60	N E by N	11	.....	.....	c
		16	29.949	29.972	83	73	60	N by E	11	.....	.....	c
	Nov. 18th	10	29.973	30.014	81	77	83	N	1.2	0.10	C	c
		16	29.960	30.001	83	78	79	S E	1.1	0.30	C	c
	19th	10	29.950	29.991	84	79	79	N	4.3	0.30	C	c
		16	29.960	30.001	83	79	83	N by E	3.1	0.50	C	c
	21st	10	29.966	30.007	79	75	82	N	9.8	1.30	C	c
		16	29.986	30.027	81	76	78	E S E	2.2	0.10	.....	c
	23rd	10	29.983	30.024	81	76	78	N E	1.3	1.50	C	c
	24th	10	29.983	30.024	81	76	78	N E	1.3	1.50	C	c

* Velocity of wind in miles per hour.

Results of the Meteorological Observations taken at the Alipore Observatory from 18th to 24th November 1877.

Month.	Date.	Maximum in sun.	Mean pressure; barometer at 32° F. alt.	TEMPERATURE.				HYGROMETRY.				WIND.		Rain.	WEATHER.
				Mean.	Maximum.	Range.	Minimum.	Mean wet bulb.	Vapour tension.	Dew point.	Humidity.	Prevailing direction.	Miles recorded.		
1877.		☉	Inches	☉	☉	☉	☉	☉	Inch.	☉	%			Inches.	
Nov.	18th	143.5	30.012	73.9	85.9	21.8	64.1	67.4	0.585	63.4	70	Till 10½ A.M. veered round N W, W, and SW to S S W, till midnight N through W and N W.	63	Nil	Clear, f & w.
"	19th	142.2	.025	72.7	84.8	20.2	64.6	67.7	.612	64.7	76	Till 10 A.M. E by S through N E; till noon S W by S through S E and S; till 3 p.m. N by W through S W, W and N W; till midnight N by E round N.	55	"	Ditto.
"	20th	141.5	.004	73.3	83.6	20.0	63.6	68.1	.621	65.1	76	Till noon E through N E; till 2½ p.m. NN E through NE; till midnight W NW through N and NW.	61	"	Ditto.
"	21st	142.5	.001	73.1	83.5	20.1	63.4	67.6	.603	64.2	74	Till 1 p.m. N E by N through N W and N; till 4½ p.m. N W by W through N; till midnight N W by N through NW.	65	"	Morning clear, partially cloudy at 10 A.M., evening and night clear, f & w.
"	22nd	142.8	.024	72.7	83.5	20.3	63.2	67.8	.614	64.8	76	Till 10 A.M. W by S through N W, till midnight N by E through W and N W.	68	"	Clear, f & w.
"	23rd	140.9	.037	72.8	83.6	20.0	63.6	67.4	.599	64.1	74	N by E and N W.	59	"	Ditto.
"	24th	139.2	.015	72.5	82.9	19.1	63.8	67.8	.618	65.0	77	Till 11 p.m. W by N through NW; till midnight N through N W.	70	"	Morning clear, day and night partially cloudy, f & w.

The mean pressure of the seven days ... 30.018
The average pressure of the corresponding period for 20 years ... 29.995

The mean temperature of the seven days ... 73.0
The average temperature of the corresponding period for 20 years ... 73.0
The extreme variation of temperature during the seven days ... 22.7
The maximum-temperature during the seven days ... 85.9

The mean relative humidity during the seven days ... 75%
The average relative humidity of the corresponding period for 24 years ... 70

The total fall of rain from 18th to 24th November ... Nil.
The average fall of the corresponding period for 24 years ... 0.01
The total fall from 1st January to 24th November ... 61.11
The average fall of the corresponding period for 24 years ... 65.51

The mean pressure, temperature, &c., are deduced from observations made at 6h., 10h., 16h., and 22h.; the maximum and minimum temperatures are obtained from self-registering thermometers. All the thermometers are verified, and the readings have been corrected to a standard constructed and verified at the Kew Observatory. They are exposed under a thatched shed open at the sides, and are suspended four feet above the ground.

The barometer readings are corrected approximately to those of the standard (Newman's No. 86) formerly at the Surveyor-General's Office.

The hygrometric elements are obtained from tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modifications of August's formula.

The direction and movement of the wind are taken from the trace of a Beckley's anemograph.

The mouth of the rain-gauge is one foot above the ground.

f foggy, w dew.

HENRY F. BLANFORD,
Meteorological Reporter to the Government of India.

Reports of Fluctuation of Traffic on the Tirhoot State Railway for the Month of October 1877.

TIRHOOT STATE RAILWAY.

TRAFFIC DEPARTMENT.

Statement showing the Fluctuation in the Principal Staples of Traffic for the month of October 1877.

Staples.	Increase.		Decrease.	
	Up. Mds.	Down. Mds.	Up. Mds.	Down. Mds.
Rice	77	9,625	...	...
Pulses ... ..	...	47	634	...
Other food-grains ...	2,091	4,578	...	...
Oil-seeds	224	7,599	...	...
Salt ... ..	...	...	5,845	...
Piece-goods, cotton (European)	1,540	...	...	...

W. HANBURY WHITE, Lt., R. E., *Offg. Traffic Superintendent.*

Reports of Fluctuation of Traffic on the East Indian Railway for the Month of October 1877.

EAST INDIAN RAILWAY TRAFFIC MANAGER'S OFFICE, JAMALPORE, THE 17TH NOVEMBER 1877.

Remarks on Traffic of East Indian Railway for four weeks ending 27th October 1877.

THE approximate figures for the period are as follow :—

	Coaching.		Goods.		Total.
	Nos.	Rs.	Mds.	Rs.	Rs.
1877	518,906	7,24,872	52,61,819	18,23,457	25,48,329
1876	453,075	6,20,841	37,68,639	17,90,646	24,26,487
Increase	65,831	95,031	14,93,180	26,811	1,21,842
Decrease ... ..	...	...	...	...	...

In coaching traffic the principal increase was at Howrah in connection with the Doorga Poojah Holidays, and with a considerable Hujji pilgrimage for Mecca.

The principal fluctuations in merchandise traffic are—

Increases.			
Coal.	Grain and pulses.	Indigo.	Tea.
Fruits.	Gunny.	Jaggree.	Tobacco.
Ghee.	Hides.	Seeds.	
Decreases.			
Commissariat beer.	Iron.	Salt.	Sugar.
Cotton.	Foreign railway material.	Saltpetre.	Timber.

Increases.		Mds.	Rs.
Coal—Upward ...	...	1,57,711	49,729
Downward ...	...	1,03,346	16,366
Total ...	...	2,61,057	66,095

The upward traffic is, it will be seen, more than double that of last year; this increase is mainly in the supply to foreign railways, and the fact that the earnings from this source are nearly equal to those from the ordinary down coal traffic.

The recent action of the Government of Bengal in removing from the down coal trade the tax of about 6d. a ton towards the Hooghly floating bridge, which the coal does not use—a tax against which the coal-owners, the Railway Company, and the Chamber of Commerce have so long strenuously protested—will no doubt strengthen the local coal interest in the competition with imported coal.

Grain and pulses	Mds.	Rs.
...	18,17,010	133,273

The figures under this head are large, and it may be well to show them in tons avoirdupois and in approximate figures—

They then stand thus—

Total—	1877.		1876.	
	Tons.	Rs.	Tons.	Rs.
...	83,000	6,15,000	34,500	4,82,000

and in detail—

	1877.		1876.	
	Tons.	Rs.	Tons.	Rs.
Rice	12,500	83,000	6,700	33,000
Wheat	10,500	64,500	23,000	4,76,000
Other cereals	25,000	2,40,000	2,000	12,000
Pulses	35,000	2,28,000	2,500	19,000

The salient features of this table will be seen at a glance, viz. a very heavy decrease in wheat traffic, which is more than counterbalanced in point of weight carried and money earned by a large increase under pulses and the commoner cereals which form the staple food of the country.

The main causes of the double change are obvious: the long drought in the North-Western Provinces led to serious fear of scarcity in the very districts which had been so largely exporting food-grains both for transport to Europe and for consumption in Western and Southern India, when the high prices following on utter failure of crops were ruling.

A rush of grain traffic to the North-Western Provinces, Oudh, and Rohilkund set in and pressed our resources hard at the very time that more than half our covered wagons were away to the westward of Jubbulpore.

Wheat was fetching a lower price in Calcutta than it was in the wheat-growing districts of the North-West, and the export stopped, while the cheaper grains flowed back to those districts from which the heavy exports had been made under the influence of what may almost be called a panic.

Hides Mds. 18,964 Rs. 15,375

There seems to have been a scarcity of hides from Eastern Bengal; possibly the supply was affected by the very severe storm-wave which devastated Backergunge, and North-Western Provinces hides have come forward freely.

Indigo Mds. 3,070 Rs. 4,792

This is an increase which is not by any means of a satisfactory character.

The whole of it lies with stations in the North-Western Provinces, where want of rain has forced an early manufacture, but caused it to be a very small one. The prospects of Tirhoot, however, are good, and we may expect a good outturn there.

Seeds Mds. 1,19,530 Rs. 16,036

The great bulk of this increase has been in the seed traffic from Patna to the port.

The seed crop has been good in that district and in the districts which feed the railway through Patna, and during the latter part of October the slackening of the demand for carriage of grain to Southern India has given this staple fuller play.

Tea Mds. 6,285 Rs. 4,068

Most of this increase is with the Darjeeling tea. Prices are high in Calcutta (some choice lots having reached Re. 1.9 per lb at auction), and stock is being pushed forward as early as possible.

Tobacco Mds. 12,263 Rs. 4,598

The export of tobacco from Calcutta has been considerable, and with good crops in Behar and a considerable demand in the North-Western Provinces, markets (partly owing, no doubt, to the drought in Rohilkund) there has been a satisfactory advance all through this season.

DECREASES.

Cotton Mds. 18,379 Rs. 24,988

But little can be said on this subject at present; the new crop has hardly come into the market as yet.

That it is a poor one, I think, with the long drought in the cotton-growing districts, there can be little doubt, but information of any reliable character is difficult to get as yet.

Iron Mds. 14,142 Rs. 16,753

There was a large despatch in October 1876 for the Government work-shops at Roorkee, and none this year; this was the principal cause.

There was an absence of demand in the Calcutta markets, and some sales were effected at a low price for re-export to Australia.

Foreign railway materials Mds. 45,521 Rs. 1,00,091

The despatches last year at this time were mainly rails and other Public Works material for the State railways in Rajpootana and the Punjab and wagon-bodies and frame-work for the Oudh and Rohilkund Railway; little of this material has been required this season in comparison.

Salt Mds. 1,42,974 Rs. 32,836

There has been a large decrease in the exports from Rajpootana, on which I am not at present prepared to express an opinion.

Saltpetre Mds. 13,081 Rs. 7,296

This decrease is almost exactly the same as that shown in my September's report, and the two together just balance the increase in August.

Sugar Mds. 9,016 Rs. 3,148

This is a small decrease comparatively, the traffic being a large one; and the serious failure of the sugar crops in Rohilkund is more than sufficient to account for it, looking at the large exports thence this year.

The train mileage run during the period has been—

		Coaching.	Goods.	Total.
1877	...	172,494	404,925	577,419
1876	...	171,690	323,931	495,621
Increase	...	804	994	81,798
Decrease	...	...	...	...

Earnings per train mile.

		Coaching. Rs. A. P.	Goods. Rs. A. P.	Total. Rs. A. P.
1877	...	4 3 3	4 8 1	4 6 7
1876	...	3 10 8	5 3 0	4 14 4
Increase	...	0 3 7	...	...
Decrease	...	...	1 0 8	0 7 9

Jubbulpore Line Traffic.

		Coaching.		Goods.		Total.
		Nos.	Rs.	Mds.	Rs.	Rs.
1877	...	24,973	59,827	8,75,691	2,04,620	2,60,447
1876	...	23,360	68,579	8,03,332	89,011	1,58,490
Increase	...	913	...	5,12,359	1,10,709	1,01,957
Decrease	...	...	8,762	...	...	...

The merchandise earnings and weight lifted are more than doubled; wagons coming home from the Great Indian Peninsula line found grain which had originally been booked for Western and Southern India ready to take advantage of the sudden rise in prices in the North-West, and loaded on the return journey instead of returning empty to our main line.

GENERAL REMARKS.

Grain Traffic.

In continuation of my remarks under the head of grain, I may remind you of recent reports, in which I have pointed out that the prospects of next season's wheat traffic depend very largely on the Christmas rains.

Should these come as usual and replenish the wells and tanks in the wheat-growing districts which have been so seriously desiccated, the means of artificial irrigation will be available for the spring crops.

Should the Christmas rains fail, however, there will probably be serious pressure in North-Western Provinces, and little or no export grain available.

I annex the usual statement of traffic to Howrah and *via* Jubbulpore; the latter has fallen off very much with improved prospects in the Madras Presidency and the threatened scarcity in Northern India.

MAIN LINE.

Statement showing the Totals and Increases and Decreases of Staples during four weeks ending 27th October 1877.

STAPLES.	WEIGHT.		AMOUNT.		INCREASE AND DECREASE.			
	1876.	1877.	1876.	1877.	Increase.		Decrease.	
	Mds.	Mds.	Rs.	Rs.	Mds.	Rs.	Mds.	Rs.
Beer, Commissariat	16,223	4,870	20,393	5,049	.....	.....	11,344	15,344
" not Commissariat	4,837	4,191	7,493	5,361	.....	.....	646	2,132
Betel-nuts	8,680	8,015	9,815	6,872	.....	.....	665	2,943
Boots and shoes	3,743	3,600	6,018	5,350	.....	.....	143	698
Brass and brassware	10,266	9,438	7,426	7,002	.....	.....	828	424
Bricks	6,669	4,867	2,483	2,189	.....	.....	1,802	294
Coal, up	1,40,899	2,98,610	66,940	1,16,069	1,57,711	49,729	.....	.....
" down	9,46,408	10,49,754	1,34,944	1,51,310	1,03,346	16,360	.....	.....
Copper	8,201	5,119	11,905	5,961	.....	.....	3,082	5,944
Cotton	36,796	18,417	42,994	18,006	.....	.....	18,379	24,988
" twist	7,557	10,670	11,302	13,079	3,113	1,768	.....	.....
Dye-wood	5,708	3,891	5,234	2,893	.....	.....	1,817	2,341
Empty coops and casks	2,861	3,504	2,026	2,201	645	175	.....	.....
Firewood	5,874	2,939	178	77	.....	.....	2,944	101
Fruits	11,018	16,986	10,449	15,712	5,968	5,263	.....	.....
Glass and glassware	8,243	3,492	6,351	6,085	.....	.....	4,751	266
Ghee and oil	22,917	32,321	32,758	36,519	9,404	3,761	.....	.....
G. B. T. packages	3,311	2,228	6,636	4,013	.....	.....	1,083	2,623
Government Commissariat stores	12,290	13,174	10,136	12,231	884	2,095	.....	.....
" Ordnance stores	13,527	14,306	14,253	18,433	779	4,180	.....	.....
Barley	550	14,590	89	2,762	14,049	2,673	.....	.....
Oats	1,041	2,187	163	818	1,146	655	.....	.....
Rice	1,83,154	3,43,466	35,182	82,064	1,60,312	46,882	.....	.....
Wheat	6,31,096	2,90,543	4,15,999	64,679	.....	.....	3,40,553	3,51,420
Other grains	53,851	6,50,097	11,764	2,36,912	5,97,246	2,25,148	.....	.....
Pulses of all kinds	72,334	9,57,144	19,056	2,28,385	8,84,810	2,09,335	.....	.....
Gunny	40,638	54,261	33,697	36,989	14,223	3,292	.....	.....
Hides and horns	33,806	52,764	17,008	32,983	18,964	15,375	.....	.....
Indigo	3,358	6,428	5,320	10,112	3,070	4,792	.....	.....
Iron	55,682	41,540	50,459	39,706	.....	.....	14,142	16,753
Jaggree	30,759	37,515	5,471	8,558	6,756	3,087	.....	.....
Lac	34,076	28,408	20,106	15,892	.....	.....	6,208	4,214
Minerals	31,431	80,172	4,389	3,895	.....	1,306	1,259	.....
Mowah flower	3,863	8,561	148	534	4,698	886	.....	.....
Oil-cake	3,461	7,645	1,361	2,985	4,084	2,684	.....	.....
Opium	654	684	605	605	.....	.....	.....	.....
Paper	4,755	4,498	6,883	6,074	.....	.....	257	209
Piece-goods	1,29,892	1,87,149	1,68,340	1,49,887	7,257	.....	.....	18,453
Railway materials, construction account	5,066	2,066	391	801	.....	.....	3,000	90
" foreign	1,00,731	55,210	1,25,635	25,544	.....	.....	45,521	1,00,091
Roots	17,641	21,840	8,760	10,133	4,190	1,373	.....	.....
Salt	3,43,403	2,00,519	92,514	59,078	.....	.....	1,42,074	32,836
Salt-petre	49,233	36,172	19,822	12,526	.....	.....	13,081	7,396
Seeds	3,17,598	4,37,128	1,52,610	1,68,046	1,19,530	16,036	.....	.....
Silk	1,907	2,291	1,640	2,127	384	487	.....	.....
Spelter and zinc	4,504	5,366	6,359	6,083	802	.....	.....	276
Spices	7,498	10,713	7,804	10,034	3,215	2,230	.....	.....
Stones	67,278	66,851	9,134	9,261	.....	127	.....	427
Sugar	1,03,071	94,555	29,513	26,305	.....	.....	9,016	3,148
Tea	11,519	17,894	10,878	14,946	6,295	4,068	.....	.....
Timber	18,301	16,105	6,439	4,909	.....	.....	8,196	1,539
Tobacco	10,481	22,744	3,983	8,596	12,263	4,598	.....	.....
Turneric	3,919	4,259	2,048	1,949	349	.....	.....	99
Wines	5,819	7,292	12,272	11,548	1,473	.....	.....	724
Miscellaneous	98,496	20,602	1,13,418	90,851	22,106	.....	.....	22,567
Total	37,56,528	52,93,530	18,16,733	18,25,821	21,69,120	6,27,871	6,32,118	6,17,783

Statement of grain, pulses, and seeds sent to Howrah and via Jubbulpore during four weeks ending 27th October 1877.

	Wheat.	Pulses.	Other grains.	Seeds.	Total.
	Mds.	Mds.	Mds.	Mds.	Mds.
To Howrah	23,303	756	2,58,979	3,42,831	6,30,869
Via Jubbulpore	7,911	22,800	47,891	86,341	1,64,943
Total	36,214	23,556	3,06,870	4,29,172	7,95,812

N. ST. L. CARTER, Officiating Traffic Manager.

Weekly Return of Traffic Receipts on Indian Railways.

EAST INDIAN RAILWAY—MAIN LINE.

Approximate Return of Traffic for week ended 17th November 1877 on 1,279½ miles open.

	COACHING TRAFFIC.				MERCHANDISE AND MINERAL TRAFFIC.				TOTAL TRAFFIC RECEIPTS.	TRAIN MILES RUN.			
	No. of passengers.	Coaching receipts.		Weight carried.	Receipts.		Coaching.	Merchandise.		Total.			
		Rs.	A. P.	£	s.	d.	Mds.	s.	Rs.	A. P.	£	s.	d.
Total traffic for the week ...	141,784	2,25,590	2 9	20,079	2 0	12,93,812	30		5,52,049	6 3	50,604	10 7	7,77,639 9 0
Or per mile of railway ...	.....	176	4 5	16	3 2	.....			431	6 0	39	10 10	607 10 5
For previous 19 weeks of half-year ...	2,435,598	31,01,378	2 8	284,293	0 0	2,46,18,938	0		95,41,851	4 2	874,669	13 11	1,26,43,229 6 10
Total for 20 weeks ...	2,577,382	33,26,968	5 5	304,972	2 0	2,59,12,750	30		1,00,95,900	10 5	925,274	4 6	1,34,20,868 15 10
COMPARISONS.													
Total for corresponding week of previous year ...	119,128	2,05,275	0 6	18,816	17 6	12,60,483	10		5,06,813	9 9	46,457	18 4	7,12,088 19 3
Per mile of railway, corresponding week of previous year ...	.....	160	6 5	14	14 1	.....			396	0 5	36	6 0	556 6 10
Total to corresponding date of previous year ...	2,282,902½	29,62,289	5 5	271,643	3 9	1,71,11,465	0		76,36,482	15 0	700,010	18 9	1,05,98,772 4 5
									</				

EAST INDIAN RAILWAY—JUBBULPORE LINE.

Approximate Return of Traffic for week ended 17th November 1877 on 223½ miles open.

		Rs. A. P.	£ s. d.	Mds. s.	Rs. A. P.	£ s. d.	Rs. A. P.			
Total traffic for the week ...	7,674	20,476 3 0	2,426 19 8	1,29,809 10	32,019 5 0	2,935 2 1	58,495 8 0	5,215	7,956½	13,171½
Or per mile of railway ...	.....	118 5 3	10 16 11	.....	143 1 8	13 2 5	261 6 11	.....	.....	.....
For previous 19 weeks of half-year ...	116,929½	2,80,214 11 7	26,511 7 0	40,55,684 20	9,91,109 14 6	90,851 14 10	12,80,324 10 1	89,127½	267,208½	356,336
Total for 20 weeks ...	124,603½	3,15,690 14 7	28,938 6 8	41,85,493 30	10,23,129 3 6	93,786 16 11	13,38,820 2 1	94,342½	275,165	369,507½
COMPARISON.										
Total for corresponding week of previous year ...	6,273	20,205 11 0	1,852 3 9	2,87,828 20	67,925 0 3	6,226 9 3	88,130 11 3	4,973	22,455	27,428
Per mile of railway, corresponding week of previous year ...	.....	90 4 11	8 5 7	.....	303 9 2	27 16 6	393 14 1	.....	.....	.....
Total to corresponding date of previous year ...	98,492½	2,74,438 14 6	25,156 18 0	16,46,833 10	4,19,315 9 0	38,437 5 3	6,03,754 7 6	91,740	163,436	195,185

EASTERN BENGAL RAILWAY.

Approximate Return of Traffic for week ended 10th November 1877 on 158½ miles open.

	COACHING TRAFFIC.			MERCHANDISE AND MINERAL TRAFFIC.			Total Receipts.
	Number of passengers.	Coaching receipts.		Weight carried.	Receipts.		
		Rs. A. P.	£ s. d.	Mds. s.	Rs. A. P.	£ s. d.	£ s. d.
Total traffic for the week	33,567½	23,106 13 0	2,118 2 5	1,54,355 32	49,873 8 9	4,571 14 10	6,089 17 8
Or per mile of railway	212	146 0 3.	13 7 8	975 18	315 2 6	25 17 9	42 5 6
For previous 18 weeks of half-year ...	645,144½	4,14,250 6 0	37,972 18 11	52,14,578 15	15,23,877 7 8	1,30,688 15 3	1,77,681 14 2
Total for 19 weeks ...	678,712	4,37,357 3 0	40,091 1 4	53,68,944 7	15,73,751 0 5	1,44,260 10 1	1,84,351 11 5
COMPARISON.							
Total for corresponding week of previous year	35,135	24,779 1 7	2,271 8 4	2,18,180 12	40,998 8 1	3,758 3 11	6,029 12 3
Per mile of railway, corresponding week of previous year	222	156 9 4	14 7 0	1,378 28	259 1 2	23 15 0	38 2 0
Total to corresponding date of previous year	6,32,944	3,89,528 13 10	35,706 16 4	40,12,115 26	10,31,860 12 7	94,587 4 8	1,30,294 1 0

EASTERN BENGAL RAILWAY.

Approximate Return of Traffic for week ended 17th November 1877 on 158½ miles open.

		Rs. A. P.	£ s. d.	Mds. s.	Rs. A. P.	£ s. d.	£ s. d.
Total traffic for the week ...	36,996	26,014 9 3	2,384 13 4	1,45,356 26	47,235 10 4	4,329 18 8	6,714 12 0
Or per mile of railway ...	234	164 6 3	15 1 5	918 29	298 7 10	27 7 2	42 8 7
For previous 19 weeks of half-year ...	678,712	4,37,357 3 0	40,091 1 4	53,68,944 7	15,73,751 0 5	1,44,260 10 1	1,84,351 11 5
Total for 20 weeks ...	715,708	4,63,371 12 3	42,475 14 8	55,14,330 33	16,20,986 10 9	1,48,566 8 9	1,91,066 3 5
COMPARISON.							
Total for corresponding week of previous year ...	29,761	20,592 11 4	1,887 13 4	2,29,417 18	46,068 9 2	4,222 19 0	6,110 12 4
Per mile of railway, corresponding week of previous year ...	188	130 2 1	11 18 7	1,449 29	291 1 10	26 13 8	38 12 5
Total to corresponding date of previous year ...	662,705	4,10,121 9 2	37,594 9 8	42,41,533 4	10,77,829 5 9	98,810 3 8	1,36,404 13 0

CALCUTTA AND SOUTH-EASTERN STATE RAILWAY.

Approximate Return of Traffic for week ended 17th November 1877 on 28 miles open.

		Rs. A. P.	£ s. d.	Mds. Srs.	Rs. A. P.	£ s. d.	£ s. d.
Total traffic for the week ...	9,594	1,651 0 0	163 2 0	15,893 0	530 0 0	53 0 0	218 2 0
Or per mile of railway ...	342	59 0 0	5 18 0	567 0	18 8 0	1 17 0	7 15 0
For previous 19 weeks of half-year ...	176,891	26,118 0 0	2,611 16 0	2,48,991 0	8,218 0 0	821 16 0	3,483 12 0
Total for 20 weeks ...	186,395	27,769 0 0	2,776 18 0	2,64,884 0	8,748 0 0	874 16 0	3,651 14 0
COMPARISON.							
Total for corresponding week of previous year ...	9,804½	1,369 13 6	136 10 2	15,388 20	490 3 0	49 12 5	186 12 2
Per mile of railway, corresponding week of previous year ...	350	48 14 9	4 17 10	540 23	17 11 6	1 15 5	6 13 3
Total to corresponding date of previous year ...	178,219	23,797 4 9	2,379 14 7	2,56,120 24	8,176 9 0	817 13 0	3,197 7 7

NULHATI STATE RAILWAY.

Approximate Return of Traffic for week ended 17th November 1877 on 27½ miles open.

	COACHING TRAFFIC.			MERCHANDISE AND MINERAL TRAFFIC.			Total receipts.
	Number of passengers.	Coaching receipts.		Weight carried.	Receipts.		
		Rs. A. P.	£ s. d.	Mds. s.	Rs. A. P.	£ s. d.	£ s. d.
Total traffic for the week	2,067	1,011 0 0	101 2 0	7,604 0	592 0 0	59 4 0	100 6 0
Or per mile of railway	74	37 0 0	3 14 0	279 0	21 8 0	2 3 0	5 17 0
For previous 19 weeks of half-year	40,216	19,035 0 0	1,903 10 0	1,28,709 0	10,326 0 0	1,032 12 0	2,036 2 0
Total for 20 weeks	42,223	20,046 0 0	2,004 12 0	1,36,313 0	10,918 0 0	1,091 16 0	3,006 8 0
COMPARISON.							
Total for corresponding week of previous year	1,745½	804 1 9	80 8 3	3,149 10	361 7 0	36 2 11	116 11 2
Per mile of railway, corresponding week of previous year	64	29 8 2	2 19 0	115 19	13 4 2	1 6 6	4 5 6
Total to corresponding date of previous year	36,682½	17,514 6 4	1,751 8 9	75,358 14	7,145 6 3	714 10 10	2,465 19

TIRHOOT STATE RAILWAY.

Approximate return of traffic for the week ending 17th November 1877 on 79 miles open.

		Rs. A. P.	£ s. d.	Mds. s.	Rs. A. P.	£ s. d.	£ s. d.
Total traffic for the week	7,019	3,271 7 0	327 2 10	57,813 0	5,081 0 0	563 2 0	830 4 10
Or per mile of railway	89	41 6 0	4 2 9	479 0	63 12 0	6 7 6	10 10 3
For previous 19 weeks of half-year	132,708	56,038 14 0	5,603 17 8	3,84,390 0	36,734 4 6	3,673 8 7	9,277 6 3
Total of 20 weeks ...	159,727	59,310 5 0	5,931 0 6	4,22,293 0	41,765 4 6	4,176 10 7	10,167 11 1
COMPARISON.							
Total for corresponding week of previous year, opened 461 miles	2,594½	1,013 2 9	101 6 3	14,131 0	1,034 3 0	163 8 4	204 14 7
Per mile of railway corresponding week of previous year	56	21 12 0	2 3 6	363 0	22 3 9	2 4 4	4 7 10
Total to corresponding date of previous year...	50,360	21,198 1 6	2,119 15 11	4,12,285 20	27,903 6 6	2,799 7 0	4,919 2 0

NORTHERN BENGAL STATE RAILWAY.

Approximate Return of Traffic for week ended 1st September 1877 on 134½ miles open.

[illegible]

NORTHERN BENGAL STATE RAILWAY.

Approximate Return of Traffic for week ended 8th September 1877 on 134½ miles open.

		Rs. A. P.	£ s. d.	Mds. s.	Rs. A. P.	£ s. d.	£ s. d.
Total traffic for the week	707	376 15 3	37 13 11	138 0	20 0 0	2 0 0	38 13 11
Per mile of railway	5	2 13 0	0 5 8	1 0	0 2 4	0 0 4	0 0 0
For previous 1 week of half-year	510½	290 3 9	29 0 6				29 0 6
Total for 2 weeks	1,217½	667 3 0	66 14 5	138 0	20 0 0	2 0 0	68 14 5
COMPARISON.							
Total for corresponding week of previous year							
Per mile of railway, corresponding week of previous year							
Total to corresponding date of previous year							

NORTHERN BENGAL STATE RAILWAY.

Approximate Return of Traffic for week ended 15th September 1877 on 134½ miles open.

	R ^s . A. P.	£ s. d.	Mds. s.	R ^s . A. P.	£ s. d.	£ s. d.
Total traffic for the week	584½	314 13 3	31 0 8	546 20	79 10 0	7 19 3
Per mile of railway	4½	2 5 7	0 4 8	4 0	0 9 6	0 1 2
For previous 2 weeks of half-year ...	1,217½	667 3 0	66 14 5	138 0	20 0 0	2 0 0
Total for 3 weeks ...	1,802	982 0 3	98 4 1	684 20	99 10 0	9 19 3
COMPARISON.						
Total for corresponding week of previous year ... ..	.....	.....	.....	.....	.....	.....
Per mile of railway, corresponding week of previous year ... ..	.....	.....	.....	.....	.....	.....
Total to corresponding date of previous year ... ..	.....	.....	.....	.....	.....	.....

NORTHERN BENGAL STATE RAILWAY.

Approximate Return of Traffic for week ended 22nd September 1877 on 134½ miles open.

		Rs. A. P.	£ s. d.	Mds. S.	Rs. A. P.	£ s. d.	£ s. d.
Total traffic for the week	696	332 12 5	33 5 6	875 20	57 13 0	5 15 7	39 1 1
Per mile of railway	5	2 7 9	0 5 0	6 20	0 6 11	0 10	6 3 10
For previous 3 weeks of half-year	1,802	982 0 5	98 4 1	684 20	29 10 0	9 19 8	168 3 4
Total for 4 weeks	2,498	1,314 12 6	131 9 7	1,560 0	157 7 0	15 14 10	147 4 5
COMPARISON.							
Total for corresponding week of previous year	696	332 12 5	33 5 6	875 20	57 13 0	5 15 7	39 1 1
Per mile of railway, corresponding week of previous year	5	2 7 9	0 5 0	6 20	0 6 11	0 10	6 3 10
Total to corresponding date of previous year	1,802	982 0 5	98 4 1	684 20	29 10 0	9 19 8	168 3 4

NORTHERN BENGAL STATE RAILWAY.

Approximate Return of Traffic for week ended 29th September 1877 on 134½ miles open.

	COACHING TRAFFIC.			MERCHANDISE AND MINERAL TRAFFIC.			TOTAL.
	Number of passengers.	Coaching receipts.		Weight carried.	Receipts.		Receipts.
		Rs. A. P.	£ s. d.	Mds. s.	Rs. A. P.	£ s. d.	£ s. d.
Total traffic for the week	1,172½	659 14 0	65 19 9	2,631 20	477 1 9	47 14 3	113 14 0
Per mile of railway	8½	4 14 9	0 9 10	19 20	3 9 0	0 7 2	0 17 0
For previous 4 weeks of half-year	2,495	1,314 12 6	131 9 7	1,560 0	157 7 0	15 14 10	147 4 5
Total for 5 weeks	3,667½	1,974 10 6	197 9 4	4,191 20	634 8 9	63 9 1	290 18 5
COMPARISON.							
Total for corresponding week of previous year ... ..	.....	.....	.....	.....	.....	.....	.....
Per mile of railway, corresponding week of previous year ... ..	.....	.....	.....	.....	.....	.....	.....
Total to corresponding date of previous year ... ..	.....	.....	.....	.....	.....	.....	.....

NORTHERN BENGAL STATE RAILWAY.

Approximate Return of Traffic for week ended 6th October 1877 on 134½ miles open.

		Rs. A. P.	£ s. d.	Mds. s.	Rs. A. P.	£ s. d.	£ s. d.
Total traffic for the week	1,021	550 9 9	55 1 3	3,680 20	553 6 6	55 6 10	110 8 1
Per mile of railway	7½	4 1 9	0 8 3	27 20	4 2 1	0 8 3	0 16 6
For previous 5 weeks of half-year	3,667½	1,974 10 6	197 9 4	4,191 20	634 8 9	63 9 1	269 18 5
Total for 6 weeks	4,688½	2,525 4 3	252 10 7	7,872 0	1,187 15 3	118 15 11	371 6 6
COMPARISON.							
Total for corresponding week of previous year ... ..	.....	.....	.....	.....	.....	.....	.....
Per mile of railway, corresponding week of previous year ... ..	.....	.....	.....	.....	.....	.....	.....
Total to corresponding date of previous year ... ..	.....	.....	.....	.....	.....	.....	.....

NORTHERN BENGAL STATE RAILWAY.

Approximate Return of Traffic for week ended 13th October 1877 on 134½ miles open.

		Rs. A. P.	£ s. d.	Mds. s.	Rs. A. P.	£ s. d.	£ s. d.
Total traffic for the week	1,706	1,546 5 3	154 12 8	7,159 20	731 1 6	73 2 2	227 14 10
Per mile of railway	13	11 8 8	1 3 1	53 20	5 7 3	0 10 11	1 14 0
For previous 6 weeks of half-year	4,688½	2,525 4 3	252 10 7	7,872 0	1,187 15 3	118 15 11	371 6 6
Total for 7 weeks	6,454½	4,071 9 6	407 3 3	15,031 20	1,919 0 9	191 18 1	599 1 4
COMPARISON.							
Total for corresponding week of previous year ... ..	.....	.....	.....	.....	.....	.....	.....
Per mile of railway, corresponding week of previous year ... ..	.....	.....	.....	.....	.....	.....	.....
Total to corresponding date of previous year ... ..	.....	.....	.....	.....	.....	.....	.....

NORTHERN BENGAL STATE RAILWAY.

Approximate Return of Traffic for week ended 20th October 1877 on 134½ miles open.

		Rs. A. P.	£ s. d.	Mds. s.	Rs. A. P.	£ s. d.	£ s. d.
Total traffic for the week	1,170	748 7 3	74 16 10	5,881 20	791 8 0	79 3 0	153 19 10
Per mile of railway	9	5 9 4	0 11 2	44 0	5 14 6	0 11 10	1 3 0
For previous 7 weeks of half-year	6,454½	4,071 9 6	407 3 3	15,031 20	1,919 0 9	191 18 1	599 1 4
Total for 8 weeks	7,624½	4,820 0 9	482 0 1	20,913 0	2,710 8 9	271 1 1	753 1 2
COMPARISON.							
Total for corresponding week of previous year ... ..	.....	.....	.....	.....	.....	.....	.....
Per mile of railway, corresponding week of previous year ... ..	.....	.....	.....	.....	.....	.....	.....
Total to corresponding date of previous year ... ..	.....	.....	.....	.....	.....	.....	.....

NORTHERN BENGAL STATE RAILWAY.

Approximate Return of Traffic for week ended 27th October 1877 on 134½ miles open.

		Rs. A. P.	£ s. d.	Mds. s.	Rs. A. P.	£ s. d.	£ s. d.
Total traffic for the week	1,523	965 5 3	96 12 8	4,278 20	650 6 6	65 0 10	161 13 6
Per mile of railway	11	7 3 4	0 14 5	32 0	4 13 8	0 9 9	1 4 2
For previous 8 weeks of half-year	7,624½	4,820 0 9	482 0 1	20,913 0	2,710 8 9	271 1 1	753 1 2
Total for 9 weeks	9,147½	5,786 6 0	578 12 9	25,191 20	3,360 15 3	336 1 11	914 14 8
COMPARISON.							
Total for corresponding week of previous year ... ..	.....	.....	.....	.....	.....	.....	.....
Per mile of railway, corresponding week of previous year ... ..	.....	.....	.....	.....	.....	.....	.....
Total to corresponding date of previous year ... ..	.....	.....	.....	.....	.....	.....	.....

NORTHERN BENGAL STATE RAILWAY.

Approximate Return of Traffic for week ended 3rd November 1877 on 134½ miles open.

		Rs. A. P.	£ s. d.	Mds. s.	Rs. A. P.	£ s. d.	£ s. d.
Total traffic for the week	1,497	1,011 3 9	101 2 6	4,470 0	669 4 0	66 18 6	168 1 0
Per mile of railway	11	7 9 11	0 15 3	33 20	4 15 11	0 10 0	1 5 3
For previous 9 weeks of half-year	9,147½	5,786 6 0	578 12 9	25,191 20	3,360 15 3	336 1 11	914 14 8
Total for 10 weeks	10,644½	6,797 9 9	679 15 3	29,661 20	4,030 3 3	403 0 5	1,092 15 8
COMPARISON.							
Total for corresponding week of previous year ... ..	.....	.....	.....	.....	.....	.....	.....
Per mile of railway, corresponding week of previous year ... ..	.....	.....	.....	.....	.....	.....	.....
Total to corresponding date of previous year ... ..	.....	.....	.....	.....	.....	.....	.....



SUPPLEMENT TO The Calcutta Gazette.

WEDNESDAY, DECEMBER 5, 1877.

OFFICIAL PAPERS.

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STATEMENT SHOWING THE STOCKS OF RICE IN AND AROUND CALCUTTA.

NAMES OF MARTS.	STOCKS IN HAND AS COMPILED ON—			
	28th August 1877.	28th September 1877.	30th October 1877.	1st week of December 1877.
	Mds.	Mds.	Mds.	Mds.
Baliaghatta ...	5,53,100	5,45,400	5,41,000	5,03,400
Ootadanga ...	80,900	53,500	65,200	45,400
Chitpore, Golabaree, Coomertooly, Hatkhola, and Culpay Ghât.	8,62,300	7,45,300	8,03,100	4,32,900
Fatheriahatia, Posta, and Jorabagan	80,300	53,400	27,000	16,000
Tollygunge, Chitlah, Kidderpore, and Moonshiganje.	2,56,500	2,61,500	2,16,200	1,16,100
21 Minor Bazars (estimated) ...	2,40,000	2,40,000	2,40,000	2,40,000
Other retail shops, 5,129 in number (estimated).	2,50,000	2,50,000	2,50,000	2,50,000
Boidyabatty, Nowabgunge, Bhudressur, and Chandernagore.	1,00,000	37,000	1,00,000	75,000
Total ...	25,29,100	21,66,100	22,46,500	14,78,800
On Railway premises both sides the river.	56,684 (on 27th August)	53,540 (on 27th September.)	18,528 (on 29th October.)	12,186 (on 3rd December.)
On boats unloaded as by	Port Commissioner's returns (22nd to 26th August.)	1,08,040 (23rd to 26th Sept.)	1,63,386 (24th to 27th Oct.)	59,534 (1st to 3rd December.)
	Canal returns ... (22nd to 26th August.)	94,897 (23rd to 26th Sept.)	43,265 (24th to 27th Oct.)	16,812 (1st to 3rd December.)
Grand Total of Stocks ...	29,67,050	24,04,086	24,11,079	15,55,632
Probable stocks available for exportation by sea.	18 lakhs.	12½ lakhs.	12½ lakhs.	8 lakhs.

A. MACKENZIE,
Secy. to the Govt. of Bengal.

The 4th December 1877.

The following Statement shows the quantities of the principal staples of Traffic imported into Calcutta from the interior during the month of October 1877.

IMPORTS INTO CALCUTTA.

Whence imported.	FOOD-GRAINS.							OIL-SEEDS.			Cotton, raw.	Silk.	
	RICE AND PADDY.*			Wheat.	Gram and pulses.	Other food-grains.	Total.	Jute.	Linseed.	Mustard seed.			
	Rice.	Paddy.*	Total (in rice).										
BENGAL.													
Bardwan	4,23,768	9,242	4,29,545	1,981	2,327	.....	4,33,853	10,111	3,882	828	.....	1
Beerbhoom	75,849	.....	75,849	1,678	365	250	78,142	.....	716	174	.....	96
Midnapore	2,86,609	39,629	3,11,377	.....	.....	.....	3,11,377	189	2,975	.....	.....	263
Hoochly	1,05,811	2,255	1,07,220	4,273	2,596	.....	1,14,089	46,894	43,198	15,844	8	4
24-Pergunnahs	1,61,883	19,088	1,73,813	354	586	.....	1,74,753	55,593	450	576	719	1
Nudda	75,852	300	76,039	2,165	55,452	225	1,33,881	62,990	11,436	2,102	46	706	
Jessore	18,755	20	18,767	.....	10,437	86	29,290	17,417	700	.....	.....	.....
Moorshedabad	55,597	.....	55,597	10,571	32,510	1,441	1,00,119	1,063	5,031	1,237	.....	124
Dinapore	2,09,835	5,084	2,13,913	408	1,261	.....	2,14,682	10,450	750	325	.....	.....
Rajshahye	23,531	1,050	24,188	600	18,478	.....	43,266	55,654	850	570	.....	778
Runspore	9,797	.....	9,797	.....	200	.....	9,997	25,915	.....	.....	.....	.....
Bogra	63,430	.....	63,430	.....	225	.....	63,655	7,520	80	268	.....	.....
Pubna	14,432	.....	14,432	605	22,856	.....	37,893	3,01,470	7,636	8,053	.....	.....
Dacca	69,766	.....	69,766	.....	4,283	.....	74,049	6,59,263	.....	300	613	.....
Furzedpore	1,10,316	.....	1,10,316	.....	18,752	.....	1,29,074	7,23,518	3,241	8,185	100	.....
Backergunge	99,730	.....	99,730	6	100	.....	99,830	1,746	.....	220	.....	.....
Mymensingh	14,409	1,120	15,199	.....	940	.....	16,139	2,13,080	.....	1,575	.....	.....
Tippurah	63,149	.....	63,149	.....	.....	.....	63,149	7,938	.....	.....	.....	.....
Chittagong	110	.....	110	.....	.....	.....	110	.....	.....	.....	52	.....
Noakholy	4,968	.....	4,968	.....	.....	.....	4,968	.....	.....	.....	.....	.....
Total of Bengal	18,87,687	77,788	19,36,306	22,641	1,71,368	2,002	21,32,316	20,90,661	80,945	40,257	1,538	1,972	
BEHAR.													
Patna	313	.....	313	14,859	27,147	747	43,066	.....	2,36,141	34,855	.....	.....
Shahabad	.....	.....	.....	9,075	5,326	8,602	23,003	.....	11,757	4,293	.....	.....
Mozafferpore	457	.....	457	247	1,235	489	2,428	.....	1,422	934	.....	.....
Darbhunga	.....	.....	.....	840	2,485	150	3,475	.....	63,599	25,752	.....	.....
Saran	.....	.....	.....	3,525	2,083	386	5,994	.....	66,222	23,400	.....	.....
Chumparan	.....	.....	.....	.....	.....	.....	.....	.....	1,909	.....	.....	.....
Monghyr	2,440	.....	2,440	42,257	44,884	2,036	91,617	.....	29,591	16,968	150	.....
Bhagulpore	8,435	.....	8,435	41,336	7,519	2,162	59,442	197	18,883	17,673	.....	.....
Purneah	2,722	.....	2,722	2,927	1,460	283	7,392	250	5,941	7,417	.....	.....
Maidah	33,472	.....	33,472	6,641	10,611	671	51,395	4,575	1,450	.....	.....	.....
Sonthal Pergunnahs	8,349	.....	8,349	6,165	3,655	4,797	22,906	.....	3,355	6,871	.....	41
Total of Behar	56,188	.....	56,188	1,27,862	1,06,405	20,323	3,10,778	5,922	4,39,730	1,37,163	150	41
ORISSA.													
Cuttack	8,698	16	8,708	.....	.....	.....	8,708	.....	493	.....	.....	.....
Balasore	14,126	3,757	16,474	.....	.....	.....	16,474	1,443	3	.....	.....	.....
Total of Orissa	22,824	3,773	25,182	.....	.....	.....	25,182	1,443	496	.....	.....	.....
CHOTA NAGPORE.													
Hazareebagh	.....	.....	.....	.....	348	138	486	.....	.....	2,590	.....	10
Manbhoom	13,113	.....	13,113	.....	.....	.....	13,113	.....	.....	.....	.....	.....
Total of Chota Nagpore	13,113	.....	13,113	.....	348	138	13,599	.....	.....	2,590	.....	10
Grand total of supplies from the Provinces under the Lieutenant-Governor of Bengal.													
	19,79,812	81,561	20,30,788	1,50,503	2,78,121	22,463	24,81,875	20,97,126	5,21,171	1,80,016	1,688	2,025	
OTHER PROVINCES.													
Assam	21,531	2,150	22,875	.....	.....	400	23,275	311	.....	19,668	71	1
North-Western Provinces and Oudh.	.....	.....	.....	727	6,351	.....	7,078	.....	1,07,235	52,867	2,322	282
Punjab	.....	.....	.....	.....	257	.....	257	.....	4,082	85	15	51
Central Provinces	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	39	.....
Rajpootana States	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	15,834	.....
Bombay	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,100	.....
Madras	550	.....	550	.....	425	425	425	.....	.....	.....	160	180
Other places	72	.....	72	.....	66	35	101	.....	1	.....	.....	.....
Grand total	In Oct. 1877 20,01,965	83,711	20,33,063	1,51,230	2,84,795	23,323	25,13,011	20,97,437	6,32,489	2,52,630	21,247	2,537	
of imports.	In Oct. 1876 7,68,169	42,792	7,94,914	8,68,298	2,06,276	21,578	19,81,065	15,45,929	4,23,327	2,73,543	5,684	2,610	

The sea-borne trade of Calcutta in these staples during the month of October 1877 was as follows:—

EXPORTED FROM CALCUTTA:—	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.
To Indian ports, viz.—												
Madras ...	3,34,762	.....	3,34,762	7,690	64,560	9,708	4,16,720	.....	.....	.....	.....	828
Other ports in Madras ...	4,06,448	28,238	4,24,116	2,074	72,180	6,430	5,04,800	15,197	.....	2,651	.....	19
Bombay ...	1,55,298	.....	1,55,298	850	12,322	9,512	1,77,992	4,241	.....	.....	.....	129
Poucherry ...	4	.....	4	.....	.....	.....	.....	.....	.....	.....	.....	.....
Other Indian ports ...	2,182	.....	2,182	1,362	11,114	24	14,682	234	.....	48	14	20
Total of interportal trade ...	8,98,694	28,268	9,16,362	11,976	1,69,176	25,674	11,14,188	19,072	.....	2,099	14	1,066
To Foreign ports—												
United Kingdom ...	42,718	.....	42,718	1,07,180	1,200	.....	1,51,008	14,27,004	5,52,185	83,112	1,142	468
Other ports ...	5,79,434	12,322	5,87,133	32,346	1,15,638	25,654	7,09,773	9,089	57,360	36,819	5	1,232
Total of foreign trade ...	6,22,152	12,322	6,29,853	1,39,526	1,16,838	25,654	9,11,871	14,36,093	6,09,545	1,19,931	1,147	1,760
Grand total	In Oct. 1877 15,20,846	40,590	15,46,315	1,51,502	2,77,014	51,328	20,20,059	14,55,765	6,09,545	1,22,030	1,161	2,756
	In Oct. 1876 10,91,748	20	10,91,760	5,06,820	99,420	7,954	16,99,934	9,11,262	5,17,771	1,08,747	1,857	1,866

* A maund of paddy is equivalent to 25 seers of rice.

† Taken from the monthly returns of the Custom House, where no information was then available of short shipments and relands as regards grains shipped to free ports.

The following Statement shows the several Routes followed by the trade in the principal staples of Traffic imported into Calcutta during the month of October 1877.

IMPORTS INTO CALCUTTA.

Specification of routes.	FOOD-GRAINS.					Jute.	OIL-SEEDS.		Cotton. raw.	Silk.
	Rice.	Paddy.	Wheat.	Gram and pulses.	Other food-grains.		Linseed.	Mustard seed.		
	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.
By country boats	15,57,504	79,018	1,12,747	2,24,066	15,291	11,24,158	3,73,256	1,74,244	825	1,104
" river steamers	1,440	.....	.....	.....	.....	1,07,375	.....	6,405	71	1
" rail { East Indian Railway	2,41,422	.....	38,477	23,535	7,572	.....	2,49,289	63,281	2,376	545
" rail { Eastern Bengal Railway	1,46,042	.....	6	31,558	.....	8,18,838	8,447	83,700	683	705
" road	34,022	920	.....	.....	.....	45,123	.....	.....	180	.....
" sea	20,926	3,773	.....	66	460	1,443	497	.....	17,113	180
Grand total of imports. { In Oct. 1877 ...	20,01,965	83,711	1,51,230	2,84,795	23,323	20,97,437	6,32,489	2,52,630	21,247	2,637
{ In Oct. 1876 ...	7,68,169	42,792	8,08,298	2,96,275	21,578	15,45,929	4,23,327	2,73,543	5,684	9,619

The following Statement shows the quantities and values of the principal staples of Traffic exported inland from Calcutta during the month of October 1877.

EXPORTS FROM CALCUTTA.

Whither exported.	Cotton piece-goods (European).	Cotton twist (European).	Salt.	Whither exported.	Cotton piece-goods (European).	Cotton twist (European).	Salt.
BENGAL.	Rs.	Mds.	Mds.	CHOTA NAGPORE.	Rs.	Mds.	Mds.
Burdwan	4,41,364	1,337	40,978	Hazareebagh	62,120	20	4,311
Beerbhoom	1,33,694	624	9,385	Manbhoom	1,04,400	396	1,666
Midnapore	88,450	3,943	28,285	Total of Chota Nagpore ...	1,66,520	416	5,377
Hooghly	34,462	135	9,455	Grand total of supplies into the provinces under the Lieutenant-Governor of Bengal. }	81,87,914	16,793	5,55,473
24 Pargunnahs	1,33,515	562	12,906				
Naddea	7,62,154	2,280	42,590				
Jessore	29,300	218	21,181				
Mooredabad	4,19,968	296	52,360				
Dinapore ... ..	.....	.....	7,865				
Rajshahye	5,000	.....	31,668				
Kum-pore	2,30,940	.....	1,835	OTHER PROVINCES.			
Bogra ... ..	.....	.....	2,393	Assam	5,02,003	353	16,614
Pubna	3,39,104	370	56,957	North-Western Provinces	22,42,480	2,082	17,800
Cooch Behar ... ..	.....	.....	500	Punjab	13,51,818	2,310	.....
Dacca	5,84,690	1,523	22,305	Central Provinces	55,706	122	.....
Furreedpore	3,51,311	930	23,703	Rajpootana States	92,016	48	.....
Backergunge	70,104	170	15,298	Bombay	61,641	20	.....
Mymensingh ... ..	.....	.....	9,125	Madras	3,13,545	1,266	1,166
Tupperah ... ..	.....	.....	3,675	Other places	4,60,955	1,748	3
Chittagong	69,984	192	2,108	Grand total of exports. { In October 1877... { In October 1876...	1,32,68,132 1,04,35,679	24,742 17,608	5,91,058 5,42,835
Noakholly ... ..	.....	.....	.....	
Total of Bengal ...	37,03,040	12,580	3,93,072				
BEHAR.				<i>The sea-borne trade of Calcutta in these staples during the month of October 1877 was as follows:—</i>			
Patna	22,72,310	753	42,663	IMPORTED INTO CALCUTTA:—			
Shahabad	2,26,090	.....	17,815	From Foreign Ports:—	Rs.*	Mds.*	Mds.
Mozufferpore ... ..	.....	.....	2,200	United Kingdom	1,22,78,027	18,784	3,31,600
Durbhanga ... ..	.....	.....	19,297	Other ports	50,137	152	59,757
Sarun ... ..	.....	.....	9,505	Total of foreign trade ...	1,23,28,164	18,936	3,89,447
Mohshyore	2,50,478	82	11,908	From Indian Ports, viz.—			
Bhagalpore	5,12,534	367	16,162	Madras	480	.....	7,148
Purneah	4,08,084	182	19,125	Other ports in Madras	6,120	.....	500
Maidah ... ..	.....	.....	12,281	Bombay	2,28,715	7,968	31,131
Bonthal Pergunnahs	5,78,504	610	5,061	Other Indian ports	275	1	.....
Total of Behar ...	42,56,910	1,974	1,55,927	Total of interportal trade ...	2,35,590	7,969	38,779
ORISSA.				Grand total ... { In October 1877 { In October 1876	1,25,63,754 95,86,213	26,965 19,615	4,97,293 7,09,002
Cuttack	36,710	1,079	129				
Balasore	24,725	744	68				
Total of Orissa ...	61,444	1,823	197				

* As per tariff declaration value.

The following Statement shows the several routes followed by the Trade in the principal staples of Traffic exported from Calcutta during the month of October 1877.

Specification of routes.										Cotton piece- goods (European).	Cotton twist (European).	Salt.
										Rs.	Mds.	Mds.
By country boats	...	...	...	...	...	...	...	...	...	3,23,331	5,327	4,20,406
" river steamers	...	...	...	...	...	...	...	...	...	7,96,073	363	3,470
" rail ... { East Indian Railway	...	...	...	...	...	...	...	...	...	91,26,072	9,039	1,35,080
" rail ... { Eastern Bengal Railway	...	...	...	...	...	...	...	...	...	19,66,192	4,432	27,911
" road	...	...	...	...	...	...	...	...	...	1,10,575	552	2,514
" sea	...	...	...	...	...	...	...	...	...	9,44,389	5,029	1,368
Grand total of exports ... { In October 1877...										1,32,68,143	24,742	5,91,058
										{ In October 1878...										1,04,35,679	17,608	5,42,855

STATISTICAL DEPARTMENT;
The 3rd December 1877.

A. MACKENZIE,
Secretary to the Government of Bengal.

Rainfall, Weather, and State and Prospects of the Crops.

Statement showing Rainfall, Weather, and State and Prospects of the Crops in the different Districts of Bengal, as reported to Government during the week ending the 1st December 1877.

No.	District, and date of return.		Rainfall at Sudder Station in inches.	Character of the weather, state and prospects of the crops, and state of health at date.
BENGAL.				
Western Districts.				
BURDWAN DIV.	1	Burdwan, Dec. 1 '77	Nil	Winter rice crop is being reaped <i>Rubbee</i> sowings are nearly completed. Fever is prevalent.
	2	Bankoora, " 1 "	Nil	Weather—clear and bright, but warmer than is usual in this season. All the crops, especially the winter rice, which is not yet reaped, look extremely well.
	3	Beerbhoom, " 1 "	Nil	Weather—dry and warm for the time of year. The cold-weather crops are doing well. Rain would, however, be of service to them, but it would be very detrimental to the rice now being everywhere reaped.
	4	Midnapore, " 1 "	Nil	Weather—warm, but cooler since 30th November. State and prospects of the crops are fair. Fever is still very prevalent, though it is apparently a little better.
	5	Hooghly, " 1 "	Nil	Weather—unusually warm for the season. Harvest of late rice is going on. <i>Rubbee</i> -seedlings are doing well. Fever is very prevalent. Cholera has appeared in a sporadic form.
	Howrah, " 3 "	Nil	Weather—much too hot for the season early in the week, cooler at the end. The harvest is progressing on the high lands. No change in the prospects. A great deal of fever about, especially in the north of the district.	
Central Districts.				
PRESIDENCY DIV.	6	24-Pergunnahs, Dec. 1 '77	Nil	Weather—fair, but unseasonably warm. State and prospects of the crops are good. Sporadic cases of cholera and fever are numerous.
	7	Nuddea, " 1 "	Nil	Weather—still hot. The outturn of <i>amun</i> rice in Kooshtea is poor. The cold-weather crops promise well. Cholera is prevalent in many parts of the district.
	8	Jessore, " 1 "	Nil	Weather—unseasonably warm. <i>Amun</i> is being reaped; the yield in Bagirhat and Jhenidah will not be more than 10 annas. Winter crops are doing well, but some rain is looked for. Fever and cholera are prevalent.
	9	Moorshedabad, " 1 "	Nil	Weather—abnormally hot during the early part of the week, but the last two days have been cooler. The <i>amun</i> harvest has commenced, with the prospect of an outturn generally above the average. The spring crops so far promise well. Cholera is prevalent in several thanas of the district and is apparently spreading. There is much fever in Berhampore.
	10	Dinagepore, Nov. 30 "	Nil	Weather—somewhat warm, with wind from the west. Rice crop is very good. Reaping of barley has commenced. There have been 13 deaths from cholera against 10 deaths reported last week, principally in the southern thanas. One case at Allowakhowa fair.
	11	Rajshahye, Dec. 1 "	Nil	No rain during the week. Days are warm for this season of the year. Heavy dew at night. A little rain is wanted for <i>rubbee</i> crops. Reaping of <i>ropa</i> and <i>bora dhan</i> continues. Fever is still prevalent, and some cases of cholera have been reported during the week.
	12	Rungpore, Nov. 30 "	Nil	The weather has become much cooler. A south-westerly wind blows all day and makes the evening cool. The state and prospects of the crops continue to be satisfactory. The harvest of the <i>amun</i> crop has commenced and a good outturn is expected. Fever of the ordinary intermittent type is common. Cholera of an epidemic character prevails in three of the four thanas of the Gaibanda sub-division.
	13	Bogra, Dec. 1 "	Nil	Weather—clear and rather warm for the time of year. Prevailing wind is from north to west. The <i>amun</i> crop, which is now being reaped, is a capital one. The <i>rubbee</i> crops are looking well. New rice is selling in the interior from 30 to 35 seers for the rupee. Cholera of a bad type is still prevalent, chiefly in the eastern part of the district. There have been 1,043 fatal cases since its appearance in this district.
	14	Pubna, " 1 "	Nil	Weather—clear and seasonable. Reaping of <i>amun</i> paddy is nearly completed. State and prospects of <i>haimunti</i> crops are favourable. Fever is still going on a before, and cholera has appeared both in the town and mofussil.
	RAJSHAHY AND COOCH BEHAR DIV.			

No.	District, and date of return.	Rainfall at Sudder Station in inches.	Character of the weather, state and prospects of the crops, and state of health at date.
BENGAL.—(Continued.)			
Central Districts.			
RAJSHAHY AND COOCH BEHAR DIV.	15 Darjeeling, Nov. 30 '77	Nil	Frosty mornings, with bright weather during the early part of the day; hazy towards evening, threatening rain. The crops throughout the district are progressing favorably. The early <i>haimunti</i> rice is being reaped in some places.
	16 Julpigoree, Dec. 1 "	Nil	Weather—pleasantly cool. Harvesting of <i>haimunti</i> rice is going on throughout the district. Transplantation of tobacco plants is progressing well. Public health is not yet good. Fever is still prevalent in the town of Julpigoree.
	Cooch Behar, Nov. 29 "	Nil	Weather—fair and bright. The cold weather is gradually setting in. The prospects of the crops are good. <i>Amun</i> rice is being reaped, and an average ten-anna crop is expected. The cold-weather crops in the ground are getting on well. Transplantation of the tobacco plants has commenced. Fever is still prevalent in some parts of the district, especially in the Mekligunge sub-division. Public health is otherwise good for the season.
Eastern Districts.			
DACCA DIV.	17 Dacca, Dec. 1 '77	0·08	Weather—close and hot. The rain was only local. State and prospects of the crops are satisfactory.
	18 Furreedpore, " 1 "	Nil	Weather—rather hot in the day. Mornings cool. State of the crops is fair. <i>Amun</i> is being reaped.
	19 Backergunge, Nov. 29 "	Nil	The reaping of <i>amun</i> has begun. Owing to the drought, the crops to a certain extent have been damaged on high lands in the sub-division of Dukhin Shabazpore. The sky appears now and then cloudy, and great apprehension is felt that grubs would be generated and damage done to the standing crops, but fortunately the clouds disappear. The markets are well supplied, and the price of rice has gone down. Cholera and fever still continue in the police stations of Nalchiti, Backergunge, Gournadi, Mendigunge, Sharupkati, Perozepore, and Matbaria, but very few cases of death are reported from those places.
	20 Mymensingh, " 30 "	0·10	Weather—fine. State and prospects of the crops are excellent.
	21 Tipperah, " 30 "	Nil	Weather—cloudy and sultry; very warm for the time of year. Prospects of all the crops are good.
CHITTAGONG DIV.	22 Chittagong, " 29 "	Nil	Days are still warm, nights are cool. In the south the early <i>amun</i> has been reaped. Prices there are very low. The crops elsewhere are very good.
	23 Noakholly, " 29 "	Nil	Weather—unusually warm. The early <i>amun</i> crops are being reaped. Prospects are fair. Sporadic cases of cholera occur in Ramgunge and Lukhipore.
	24 Chittagong Hill Tracts, " 27 "	Nil	Weather—seasonable. The gathering of paddy crop of the plough cultivators still continues. Mustard is growing well. Cotton is sold in small quantities in the local markets.
	Hill Tipperah, " 28 "	0·22	Weather—rather warm for the time of year. Slight rain fell on the night of the 27th November. State and prospects of the crops are satisfactory.
BEHAR.			
PATNA DIVISION.	25 Patna, Dec. 1 '77	Nil	Weather—hot during the early part of the week; cold during the latter part. State and prospects of the crops are favourable, but a little rain would do good.
	26 Gya, " 1 "	Nil	Weather—latterly cool and clear. The signs of coming rain have disappeared; maximum thermometer in the shade 90°8'. The unusual heat of November, with consequent absence of dews at night, has not been favourable for the <i>rubbee</i> . The <i>khurreef</i> harvest has commenced, and in places the cutting of <i>koorthi</i> . The Nowada and Jehanabad officers estimate the outturn of the former at 12 and 4 annas respectively. It is believed that the average of the district will not be over 8 annas. The average in Jehanabad will probably not be quite so low as 4 annas.
	27 Shahabad, " 1 "	Nil	Weather—cool. Rain is urgently necessary for the <i>rubbee</i> , except where the Sone and artificial irrigation is available.
	28 Durbhunga, " 1 "	Nil	Weather—seasonably cold. The rice harvest is commencing, but nothing definite can be said as to the extent of deficiency which is apprehended in the upland rice. The <i>rubbee</i> crops look well. Public health is good.
	29 Mozufferpore, " 1 "	Nil	Weather—cold, with west wind. There is no change in the prospects of the rice crop. The <i>rubbee</i> crops are doing well, except in Sectamurhee sub-division, where prospects are unfavourable.

No.	District, and date of return.	Rainfall at Sudder Station in inches.	Character of the weather, state and prospects of the crops, and state of health at date.
BEHAR.—(Continued.)			
PATNA DIVISION.	30 Sarun, Dec. 1 "	Nil	Weather—fair and rather warm at the beginning of the week. There has been, however, a marked change in the last two days. Prospects of the crops continue fair. Rain during the month will do much good. Prices are stationary. Public health is good.
	31 Champaran, " 3 "	Nil	The latter part of the week has been much colder. No material change is to be reported in the prospects of the crops. Rain is urgently required for the <i>rubbee</i> , especially in the south and south-east portions of the sudder division. No rain fell throughout November, and the fall up to date has been only half the average. There will be a very large falling off in poppy sowings in consequence of want of moisture in the southern part of the district.
BAGULPORE DIVN.	32 Monghyr, " 1 "	Nil	Weather—still very hot. If there be Christmas rains, an eight-anna crop may be expected, if not, the chances will be much worse.
	33 Bhagulpore, " 3 "	Nil	Weather—cold, with westerly wind and clear sky. <i>Aghani</i> harvest has commenced. Prospects are favourable. Cholera and fever are on the decrease.
	34 Purneah, " 1 "	Nil	West wind during the day; the weather is getting colder at night. The <i>aghani</i> crop will be about 12 annas. In some parts of the north of the district it is very good. It is now being cut. Mustard is coming generally into flower; its prospects are good. Transplanting and weeding of tobacco are well forward. General health is very bad; fever of a bad type is prevalent, and cholera is reported from a few villages.
	35 Maldah, " 1 "	Nil	Weather—unseasonably hot till the 30th November. State and prospects of the crops are satisfactory. The health of the district is very bad. Fever prevails. Cholera is increasing; 21 deaths have been reported during the week, but from so many and such widely scattered villages that aid cannot easily be afforded.
	36 Sonthal Pergahs., " 2 "	Nil	Weather—dry and getting colder, with a few clouds about. Rice is excellent in the low lands of Deoghur, in the Godda Damin, and in Doomka. It is not so good in the Godda zemindaries. 13 annas all round seem the proper estimate. Rain is wanted everywhere for <i>rubbee</i> crops. Health is good.
ORISSA.			
ORISSA DIVN.	37 Cuttack, " 1 "	Nil	Weather—fine and warm for the time of year. Early <i>sarad</i> is being reaped and coming to market. Late <i>sarad</i> is ripening. <i>Rubbee</i> is in good condition and is flowering. Cholera is prevalent in Kendrapara sub-division and some other places.
	38 Pooree, Nov. 29 "	Nil	Weather—fair; warm for the season. The state of the crops in the Khoordah sub-division is nearly the same as reported last week. In many parts of the sub-division the <i>sarad</i> crop is suffering for want of rain, but other winter crops are doing well. Rice is selling cheaper, owing to the sale of Government paddy throughout the sub-division. In other parts of the district the <i>sarad</i> rice is in ear. The <i>laghu</i> has been harvested and reaped in some places. Miscellaneous crops, viz. mustard, <i>arkhur</i> , &c., are promising well. <i>Dalua</i> rice is being sown, and in some places the plants are being transplanted. The state of the crops on the Chilka tracts is worse than before.
	39 Balasore, " 30 "	Nil	Weather—warm for the season. No special change to report. The harvest has commenced. A little cattle disease is reported from the district, and a few cases of cholera, and in the north, of fever.
CHOTA NAGPORE.			
South-West Frontier Agency.			
	40 Hazareebagh, Nov. 30 '77	Nil	Weather—seasonable. <i>Rubbee</i> sowings have been completed. Rain would be beneficial.
	41 Lohardugga, Dec. 1 "	Nil	Weather—unusually warm for the time of year. Rain seems impending. There is nothing further to report regarding the rice crops. Harvest operations are still proceeding. Rain is required for the <i>rubbee</i> crops.
	42 Singbhoom, Nov. 30 "	Nil	Weather—seasonable. The cold-weather crops are doing well. The district is healthy.
	43 Manbhoom, Dec. 1 "	Nil	Very uncertain weather; one day it is cloudy and another day it is bright and hot. The cold weather can hardly be said to have set in. Another peculiarity is that even on a cloudless night no dew falls. Nothing to report from the sudder sub-division in addition to what was said last week; but from Govindpore, the sub-divisional officer reports the outturn of <i>dhan</i> to be not more than eight annas, and as regards the <i>rubbee</i> , he says the prospects are not favourable. Rain would be a great boon just now.

Published for general information.

RETAIL PRICES-CURRENT OF FOOD-GRAINS AND SALT IN THE DISTRICTS OF
BENGAL FOR THE FORTNIGHT ENDING 30TH NOVEMBER 1877.

RETAIL PRICES-CURRENT of Food-grains, Firewood, and Salt in the

Number.	DISTRICTS.	QUANTITIES PER RUPEE BY																	
		WHEAT.			BARLEY.			RICE, BEST SORT.			RICE, COMMON.			BLURISH MILLET— CUMBOO, BAJRA.					
		Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.			
BENGAL.																			
Western Districts.																			
1	Burdwan	A 15 0	13 0	15 0	27 0	30 0	19 8	15 4	15 0	19 0	15 12	15 8	20 0	...	...	...
2	Bankoora	B 13 0	13 0	18 0	24 0	24 0	23 0	15 4	17 8	25 0	18 12	20 0	26 12	...	...	...
3	Beerbhoom	C 13 8	13 0	20 0	20 0	20 0	...	11 4	12 0	21 0	16 8	16 8	22 8	...	...	...
4	Midnapore	13 0	11 0	17 0	...	...	...	13 0	14 0	22 0	18 0	19 0	32 0	...	...	...
5	Hooghly	D 13 0	12 8	20 0	...	...	...	10 0	10 0	10 0	13 0 to 13 8	13 0	18 0	...	...	...
6	Howrah	12 8	15 0	15 0	...	...	...	11 8	10 0	12 0	13 0	12 0	17 0	...	...	...
Central Districts.																			
7	Calcutta	13 0	13 0	16 0	24 0	20 0	30 0	8 0	8 6	9 0	13 0	13 5	16 0	...	...	...
8	24-Pergunnahs	D1 ...	...	...	...	...	...	7 4	7 4	8 0	10 0	10 0	15 4	...	...	...
9	Nuddea	13 5	13 5	17 4	30 8	29 1	35 8	12 5	13 5	16 0	12 13	15 4	17 4	...	...	...
10	Jessore	E 11 0	11 0	21 5	...	...	...	9 12	9 0	18 0	14 8	15 0	26 0	...	...	...
11	Moorshedabad	F 15 0 to 17 0	13 0 to 15 0	20 0	33 0 to 40 0	32 0	35 0	10 0 to 17 0	10 0 to 13 4	16 0 to 17 0	14 0 to 19 0	14 0 to 19 0	20 0 to 21 0	...	...	...
12	Dinapore.*	G 12 0 to 15 12	15 0 to 15 12	16 8	45 0	24 0	37 8	10 8	9 12 to 15 0	18 0 to 21 0	18 0 to 19 0	18 0 to 21 0	24 0 to 26 4	...	...	...
13	Rangpore	G1 15 0	15 0	22 8	...	...	...	12 6	12 1	12 12	21 8	18 0 to 22 8	23 6	...	...	...
14	Bogra	12 0	12 0	24 0	...	...	...	12 0	13 0	20 0	25 8	21 0	26 8	...	...	...
15	Pubna	H 15 0	15 0	26 4	...	...	...	8 8	8 0	12 0	16 0	15 0	24 8	...	...	...
16	Darjeeling.*	I 11 0	8 8	13 3	...	...	...	11 0	12 2	14 0	13 5	16 0	18 0	...	...	...
17	Julpigoree	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Eastern Districts.																			
18	Dacca	J 11 7	10 8	17 0	26 14	26 14	30 0	11 7	11 7	17 0 to 19 0	16 0	14 8	25 0	...	...	...
19	Furzedpore	K 15 0	14 0	26 0	30 0	30 0	...	8 0	10 8	10 0	14 0	16 0	23 8	...	...	...
20	Backergunge.*	L 10 0	9 0	15 0	...	...	...	14 0	14 0	21 0	16 0	16 0	27 0	...	...	...
21	Mymensingh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

* Returns not received.

A In the interior the prices range as follow :—Wheat 12 to 16 seers, barley 32 to 36 seers, best rice 12½ to 18½ seers, common rice 14½ to 18½ seers, and gram 14½ to 22 seers.

B In the interior the prices range as follow :—Wheat 12 to 15 seers, barley 18 to 36 seers, best rice 16 to 18 seers, common rice 18 to 22 seers, maize or Indian-corn 20 to 39 seers, and gram 12 to 16½ seers.

C In the interior the prices range as follow :—Wheat 12½ to 17 seers, best rice 14 to 20 seers, common rice 15 to 21 seers, and gram 16 to 22 seers.

D In the interior the prices range as follow :—Wheat 12 to 14 seers, barley 22 to 29 seers, best rice 8 to 13 seers, common rice 9 to 16 seers, and gram 13 to 18½ seers.

D1 In the interior the prices range as follow :—Wheat 11½ to 13½ seers, barley 20 to 24½ seers, best rice 6½ to 7½ seers, common rice 9½ to 16 seers, and gram 16 to 16½ seers.

E In the interior the prices range as follow :—Wheat (at Bagirhat) 8 seers, best rice 9 to 13 seers, common rice 11 to 22 seers, and gram (at Jhingra Gatcha) 16 seers.

undermentioned Districts of Bengal for the Fortnight ending 30th November 1877.

THE SEER OF 80 TOLAHS.

GREAT MILLET— CHOLU, JOWAR.			LESSER MILLETS— RAGI OR MURWA AND CHERNA.			MAIZE OR INDIAN- CORN.			GRAM.			FIREWOOD.			SALT.			DISTRICTS.
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	
BENGAL.																		
Western Districts.																		
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	
...	17 12	15 8	27 8	140 0	140 0	160 0	9 0	9 0	9 4	Burdwan.
...	32 0	32 0	40 0	13 8	13 8	21 0	440 0	440 0	480 0	8 8	8 8	8 12	Bankoora.
...	30 0	30 0	...	17 0	19 0	22 8	200 0	200 0	200 0	8 8	8 8	8 5	Beerbhoom.
...	16 0	14 0	22 0	200 0	200 0	200 0	8 8	9 0	9 0	Midnapore.
...	13 0 to 14 0	13 0	22 0	120 0	120 0	120 0	9 0	9 0	9 0	Hooghly.
...	10 0	16 0	19 0	110 0	120 0	120 0	10 0	10 0	9 4	Howrah.
Central Districts.																		
20 0	20 0	27 0	...	...	...	24 0	20 0	27 0	17 8	20 0	22 0	110 0	110 0	100 0	8 0	8 0	8 0	Calcutta.
...	18 12	13 4	20 0	100 0	120 0	90 0	9 0	9 4	9 0	24-Pergunnahs.
...	17 4	16 13½	29 0	100 0	100 0	100 0	9 6	9 6	9 2½	Nuddea.
...	16 0	16 0	30 0	110 0	110 0	120 0	8 0	8 0	8 0	Jessore.
...	20 0 to 22 0	20 0 to 22 0	32 0	120 0	120 0	120 0	7 0 to 9 0	7 0 to 9 0	4 0 to 9 0	Moorshedabad.
...	Dinapore.*
...	18 0	18 0	25 5 to 28 2	210 0	240 0	320 0	9 0	9 0	9 0	Rajshahye.
...	15 0	15 0	20 0	107 0	107 0	107 0	8 1	8 1	7 8	Rungpore.
...	13 8	12 0	22 0	67 8	90 0	67 8	8 4	8 4	8 0	Bogra.
...	12 0 to 18 12	12 0 to 18 12	26 0	200 0	200 0	200 0	9 0	9 0	9 0	Pubna.
...	Darjeeling.*
...	12 2	8 8	16 0	80 0	80 0	160 0	7 4	7 4	7 3	Julpigoree.
Eastern Districts.																		
...	13 5	13 5	25 0	80 0	80 0	100 0	8 14	8 14	8 14	Dacca.
...	12 0	11 0	20 0	...	...	...	9 0	9 0	8 0	Furreedpore.
...	Backergunge.*
...	12 0	11 8	20 0	...	...	...	9 0	9 0	8 8	Mymensingh.

F In the interior the prices range as follow :—Wheat 13 to 16 seers, barley 29 to 38 seers, best rice 10 to 15 seers, common rice 17 to 20 seers, and gram 18 to 25 seers.

G In Nattore the prices are—Wheat 22½ seers, best rice 8½ seers, common rice 15 seers, and gram 15½ seers.

G1 In the interior the prices range as follow :—Wheat 18 to 20 seers, best rice 15 to 20 seers, common rice 18 to 20 seers, and gram 8 to 18 seers.

H In Serajgunge the prices are—Wheat 9 seers, best rice 8 seers, common rice 16 seers, and gram 10 seers.

I In the interior the prices range as follow :—Wheat 10 to 16 seers, best rice 10 to 12½ seers, common rice 12½ to 18 seers, and gram 8 to 11½ seers.

J In the interior the prices range as follow :—Wheat (at Jaffergunge) 16 seers, barley (at Jaffergunge) 20 seers, best rice 10 to 16 seers, common rice 13 to 17½ seers, and gram 12½ to 18 seers.

K In the interior the prices range as follow :—Wheat (at Goalundo) 14 seers, barley (at Goalundo) 40 seers, best rice 10 to 11 seers, common rice 14 to 16½ seers, and gram 12 to 15 seers.

L In the interior the prices range as follow :—Wheat 13 to 16 seers, best rice 9 to 16½ seers, common rice 16 to 20 seers, and gram 10 to 16 seers.

RETAIL PRICES-CURRENT of Food-grains, Firewood, and Salt in the under.

Number.	DISTRICTS.	QUANTITIES PER RUPEE BY														
		WHEAT.			BARLEY.			RICE, BEST SORT.			RICE, COMMON.			BULRUSH MILLET— CUMBOO, BAJRA.		
		Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
Eastern Districts—(Contd.)		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
21	Chittagong.*	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
22	Noakholly.*	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
23	Tipperah	11 0	10 0	14 0	...	...	...	11 0	10 8	13 8	17 0	14 8	23 0	...	...	...
24	Chittagong Hill Tracts.*	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	Hill Tipperah	8 0	8 5	10 0	...	...	...	16 0	15 0	16 0	18 0	19 0	30 0	...	...	...
BEHAR.																
25	Patna	19 0	17 8	23 0	26 0	25 0	33 0	11 8	10 8	13 0	17 0	16 0	23 0	...	...	...
26	Gya	M 18 8	18 8	22 0	27 0	27 8	25 8	11 8	11 8	11 12	16 0	15 0	22 8	...	...	...
27	Shahabad	N { 15 0 to 16 0 }	{ 15 0 to 16 0 }	22 0	22 0	21 0	29 0	{ 11 0 to 11 8 }	11 0	19 0	{ 12 4 to 13 0 }	13 8	21 0	...	...	...
28	Durbhanga.*	O	.	.	.	.	.	.	.	.	.	.	.	.	.	.
29	Mozufferpore	15 0	15 0	20 0	...	22 8	35 0	10 0	10 0	12 0	12 0	12 0	20 0	...	...	...
30	Saran	P 13 8	13 8	20 0	20 0	21 0	32 0	7 8	7 8	11 0	11 8	11 8	18 12	...	...	...
31	Chumpanan	14 0	15 0	18 0	20 0	20 0	...	7 0	7 0	8 8	12 0	12 0	23 0	...	...	...
32	Monghyr.*	Q	.	.	.	.	.	.	.	.	.	.	.	.	.	.
33	Bhagulpore	R 13 14	15 2	17 11	21 7	24 0	22 11	10 11	11 5	15 2	13 14	13 14	17 11	...	...	...
34	Purneah	{ 16 0 to 22 0 }	{ 16 0 to 22 0 }	14 0	{ 19 0 to 23 0 }	...	...	16 0	14 0	{ 28 0 to 30 0 }	{ 20 0 to 22 0 }	{ 20 0 to 25 0 }	33 0	...	...	...
35	Maldah	S 16 0	15 0	20 0	32 0	32 8	45 0	17 0	17 0	24 0	18 0	18 0	25 0	23 0	26 0	32 0
36	Sonthal Pergunnabs	13 0	13 0	...	...	...	...	13 0	13 0	18 0	14 0	14 0	20 0	...	...	30 0
ORISSA.																
37	Cuttack.*	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
38	Pooree.*	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
39	Balasore	11 0	11 0	16 0	...	...	...	11 0	13 0	18 0	16 0	17 0	21 0	...	...	...
CHOTA NAGPORE.																
South-Western Frontier Agency.																
40	Hazareebagh	T 17 0	17 0	20 0	24 0	...	24 0	12 0	12 0	12 0	17 0	20 0	28 0	...	...	...
41	Lohardugga	U 14 0	15 0	22 0	18 0	22 0	30 0	16 0	16 0	26 0	20 0	24 0	32 0	...	...	...
42	Singbhoom	V 19 0	20 0	22 0	40 0	40 0	32 0	20 0	20 0	20 0	32 0	32 0	48 0	...	...	...
43	Manbhoom	14 0	14 0	16 0	30 0	30 0	32 0	16 0	16 0	16 0	23 0	23 0	27 0	...	...	...

Returns not received.

M In the interior the prices range as follow:—Wheat 15½ to 19 seers, barley 25 to 29 seers, best rice (at Jehanabad) 10 seers, common rice 13½ to 19 seers, and gram 21 to 24½ seers.

N In the interior the prices range as follow:—Wheat 12 to 14½ seers, barley 17 to 19½ seers, best rice 8 to 9 seers, common rice 11 to 14 seers, maize or Indian-corn 17 to 23 seers, and gram 17½ to 22 seers.

O In the interior the prices range as follow:—Wheat 13 to 25 seers, barley 22½ to 30 seers, best rice 9 to 16 seers, common rice 11 to 22½ seers, lesser millets 21 to 55 seers, maize or Indian-corn 19 to 30 seers, and gram 16 to 34 seers.

P In the interior the prices range as follow:—Wheat 13 to 26 seers, barley 17 to 22 seers, best rice 7½ to 16 seers, common rice 10½ to 24 seers, lesser millets 24 to 26 seers, maize or Indian-corn 15 to 22½ seers, and gram 13 to 36 seers.

Q In the interior the prices range as follow:—Wheat 17 to 24 seers, barley (at Banka) 26 seers, best rice 16 to 20 seers, common rice 17½ to 26 seers, murwa 33 to 35 seers, maize or Indian-corn (at Banka) 28 seers, and gram 16 to 19 seers.

CALCUTTA,

The 4th December 1877.

mentioned Districts of Bengal for the Fortnight ending 30th November 1877.—(Continued.)

THE SEER OF 80 TOLAHS.

GREAT MILLET— CHOLUM, JOWAR.			LESSER MILLETS— RAGI OR MURWA AND CHERNA.			MAIZE OR INDIAN- CORN.			GRAM.			FIREWOOD			SALT.			DISTRICTS.
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	
...	11 8	11 0	19 0	...	...	...	8 12	9 0	8 8	Chittagong.*
...	Noakholly.*
...	Tipperah.
...	Chittagong Hill Tracts.*
...	9 5	9 5	10 6	...	...	...	8 0	8 0	8 0	Hill Tipperah.
BEHAR.																		
...	22 0	25 0	40 0	22 0	21 0	33 0	150 0	150 0	140 0	8 0	8 0	8 0	Patna.
...	24 0	29 0	33 8	24 0	25 0	32 0	24 8	23 0	26 0	160 0	160 0	160 0	8 0	8 0	8 0	Gya.
19 0	20 0	33 0	19 8	20 0	35 0	...	...	30 0	19 8	19 8	31 0	180 0	180 0	180 0	9 0	9 0	8 0	Shahabad.
...	Durbhunga.*
...	21 4	21 0	45 0	17 0	16 0	27 0	160 0	160 0	120 0	8 0	8 0	8 0	Mozufferpore.
20 0	20 0	2 0	36 0	18 8	18 0	36 8	18 4	18 0	30 0	160 0	160 0	160 0	8 8	8 8	8 8	Sarun.
...	38 0	20 0	20 0	40 0	18 0	19 0	26 0	...	...	...	8 0	8 0	7 12	Chumparun.
...	Monghyr.*
...	23 0	23 0	37 14	21 7	21 7	29 0	151 9	151 9	151 8	8 3	8 3	8 13	Bhagnulpore.
...	14 0 to 18 0	14 0 to 18 0	25 0	160 0	160 0	160 0	8 0	8 0	8 0	Purneah.
...	32 0	32 0	45 0	16 0	16 0	28 0	130 0	130 0	160 0	8 4	8 4	8 0	Maldah.
...	35 0	30 0	19 0	18 0	...	200 0	200 0	240 0	8 0	8 0	8 0	Sonthal Perghs.
ORISSA.																		
...	Cuttack.*
...	Pooree.*
...	10 8	10 8	14 8	100 0	140 0	130 0	7 8	7 0	9 8	Balasore.
CHOTA NAGPORE.																		
...	27 0	30 0	42 0	24 0	29 0	40 0	24 0	27 0	23 0	240 0	240 0	200 0	8 0	8 0	8 0	Hazareebagh.
...	36 0	36 0	55 0	30 0	30 0	30 0	22 0	23 0	15 0	160 0	160 0	160 0	7 0	7 0	7 0	Lohardugga.
...	26 0	26 0	20 0	320 0	320 0	320 0	6 8	6 8	6 0	Singbhoom.
...	64 0	64 0	64 0	40 0	40 0	40 0	18 0	20 0	20 0	160 0	160 0	240 0	8 0	8 0	8 0	Manbhoom.

R In the interior the prices range as follow:—Wheat 13½ to 23 seers, best rice 16 to 18 seers, common rice 19 to 22½ seers, and gram 1½ to 18 seers.

S In the interior the prices range as follow:—Wheat 15 to 20 seers, barley 22 to 32 seers, best rice 16 to 21 seers, common rice 18 to 24 seers, maize or Indian-corn 25 to 30 seers, and gram 17 to 22½ seers.

T In the interior the prices range as follow:—Wheat 15 to 20 seers, barley 20 to 32 seers, best rice (at Chuttra) 12 seers, common rice 17½ to 20 seers, lesser millets 30 to 35 seers, maize or Indian-corn 25½ to 32 seers, and gram 18 to 30 seers.

U At Daltongunge, the head-quarters of the Palamow Sub-division, the prices on the 27th were:—Wheat 23½ seers, best rice 15½ seers, common rice 18 seers, and makai 40 seers.

V In the interior the prices range as follow:—Wheat 12 to 16 seers, best rice 14 to 22 seers, common rice 20 to 24 seers, maize or Indian-corn 24 to 40 seers, and gram 12 to 20 seers.

Published for general information.

A. MACKENZIE,
Secy. to the Govt. of Bengal.

WHOLESALE PRICES-CURRENT of Food-grains, Firewood, and Salt

Number.	MARTS.	PRICES PER MAUND														
		WHEAT.			BARLEY.			RICE, BEST SORT.			RICE, COMMON.			BULRUSH MILLER-CUMBOO BAJRA.		
		Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
		R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.
1	Calcutta ...	3 2 0	3 2 0	...	1 12 0	1 12 6	...	5 0 0	4 12 0	...	3 1 0	3 0 0	...	...	...	...
2	Serajunge ...	4 4 0	3 12 0	...	...	...	...	4 8 0	4 8 0	...	2 2 0	2 5 0	...	...	...	...
3	Dacca ...	3 4 0	3 5 0	...	1 6 0	1 8 0	...	3 0 0	2 14 0	...	2 4 0	2 8 0	...	...	...	...
4	Naraingunge...	...	...	...	...	...	...	2 8 0	2 14 0	...	2 0 0	2 10 0	...	...	...	...
5	Chittagong.*															
6	Patna ...	2 1 0	2 5 0	...	1 9 0	1 9 0	...	3 8 0	3 12 0	...	2 5 0	2 8 0	...	...	...	...
7	Balasore ...	...	...	...	...	...	...	3 3 2	2 8 0	...	2 6 7	1 14 4	...	...	...	...
8	Pooree.*															
9	Cuttack.*															

* Returns not received.

CALCUTTA,
The 4th December 1877.

the undermentioned *Marts* of Bengal for the Fortnight ending 30th November 1877.

40 SEERS.

GREAT MILLET— CHOLUM, JOWAR.			LESSER MILLETS— RAGI OR MURWA AND CHRENA.			MAIZE OR INDIAN CORN.			GRAM.			FIREWOOD.			SALT.			MARTS.
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	
R.A.P.	R.A.P.	R.A.P.	R.A.P.	R.A.P.	R.A.P.	R.A.P.	R.A.P.	R.A.P.	R.A.P.	R.A.P.	R.A.P.	R.A.P.	R.A.P.	R.A.P.	R.A.P.	R.A.P.	R.A.P.	
0 0	2 0 0	...	...	...	...	1 12 02	0 0	...	2 7 02	0 0	...	0 6 00	0 6 0	...	4 0 04	0 0	...	Calcutta.
...	3 8 03	8 0	...	...	...	...	4 7 04	8 0	...	Serajgunge.
...	2 15 03	0 0	...	0 6 00	0 6 0	...	4 6 04	6 0	...	Dacca.
...	2 14 03	3 0	...	0 6 00	7 0	...	4 4 34	2 3	...	Naraingunge.
...	Chittagong.*
...	1 13 01	10 0	...	1 13 01	14 0	...	...	...	...	...	...	...	Patna.
...	Balasore.
...	Pooree.*
...	Cuttack.*

Published for general information.

A. MACKENZIE,
Secy. to the Govt. of Bengal.

Weekly Report of Rainfall compiled at the Meteorological Reporter's Office.

DIVISIONS.	DISTRICTS.	STATIONS.	Rain from 11th to 17th Nov. 1877.	Rain from 18th to 24th Nov. 1877.	RAIN FROM 1ST JANUARY 1877.		REMARKS.
					Inches.	Up to date.	
BENGAL.*							
BURDWAN.	WESTERN DISTRICTS.		Inches.	Inches.	1877.		
	Burdwan ...	Burdwan ...	Nil	Nil	50.32	24th Nov.	
		Cutwa ...	ditto	ditto	62.69	ditto	
		Culna ...	ditto	ditto	53.12	ditto	
		Bood-Bood ...	ditto	ditto	47.21	ditto	
		Raneegunge ...	ditto	ditto	58.00	ditto	
	Jehanabad ...	Jehanabad ...	ditto	ditto	79.34	ditto	
						ditto	
	Bankoora ...	Bankoora ...	ditto	ditto	54.51	ditto	
	Beerbhoom ...	Soree ...	ditto	ditto	56.85	ditto	
		Hetampore ...	ditto	ditto	57.48	ditto	
		Roypore ...	ditto	ditto	53.42	ditto	
	Midnapore ...	Midnapore ...	ditto	ditto	45.95	ditto	
		Tumlook ...	ditto	ditto	43.90	ditto	
		Ghattal ...	ditto	ditto	63.61	ditto	
		Contai... { Dy. Collr.'s Office... Exe. Engr.'s Office	ditto	ditto	75.44	ditto	
	Hooghly ...	Hooghly ...	ditto	ditto	64.99	ditto	
		Serampore ...	ditto	ditto	54.97	ditto	
			ditto	ditto	55.84	ditto	
Howrah ...	Howrah ...	ditto	Not recd.	61.78	17th Nov.		
	Maheshreka ...	ditto	ditto	61.65	ditto		
PRESIDENCY.	CENTRAL DISTRICTS.						
	24-Pergunnahs ...	Saugor Island ...	ditto	Nil	74.54	24th Nov.	
		Calcutta ...	Not recd.	Not recd.	61.22	10th Nov.	
		Alipore ... { Dispensary Jail	Nil	Nil	64.75	24th Nov.	
		Busseerhat ...	ditto	ditto	63.53	ditto	
		Baraset ...	ditto	ditto	60.19	ditto	
		Diamond Harbour ...	ditto	ditto	56.23	ditto	
		Barripore ...	ditto	ditto	66.71	ditto	
		Satkhira ...	ditto	ditto	72.67	ditto	
		Barrackpore ...	ditto	ditto	75.16	ditto	
		Dum-Dum ...	ditto	ditto	57.43	ditto	
	Nuddea ...	Kishnaghur ...	ditto	ditto	54.94	ditto	
		Bongong ...	ditto	ditto	69.69	ditto	
		Meherpore ...	ditto	ditto	75.77	ditto	
		Choondanga ...	ditto	ditto	73.67	ditto	
		Kooshtea ...	ditto	ditto	74.15	ditto	
		Ranaghat ...	ditto	ditto	96.57	ditto	
		Jessore ...	ditto	ditto	61.24	ditto	
		Narail ...	ditto	ditto	68.14	ditto	
		Khoolna ...	ditto	ditto	71.83	ditto	
		Jhenida ...	ditto	ditto	73.62	ditto	
	Jessore ...	Bagirhat ...	ditto	ditto	74.25	ditto	
		Magoorah ...	ditto	Not recd.	77.44	17th Nov.	
		Berhampore ...	ditto	Nil	81.21	24th Nov.	
		Rampore Haut ...	ditto	ditto	62.95	ditto	
		Lallbagh ...	ditto	ditto	60.14	ditto	
		Jungypore ...	ditto	ditto	64.88	ditto	
		Azimungunge ...	ditto	ditto	52.04	ditto	
		Lallgolla ...	ditto	ditto	63.41	ditto	
		Kandee ...	ditto	ditto	54.46	ditto	
		Dinapore ...	ditto	ditto	62.27	ditto	
	Moorshedabad ...	Dinapore ...	ditto	ditto	66.71	ditto	
		Raigunge ...	ditto	ditto	58.61	ditto	
		Maldah ...	ditto	ditto	58.61	ditto	
		Chanchal ...	ditto	ditto	73.40	ditto	
		Bauleah ...	ditto	ditto	54.11	ditto	
		Nattore ...	ditto	ditto	77.58	ditto	
Rungpore ...		ditto	ditto	80.50	ditto		
Bhabanigunge ...		ditto	ditto	90.94	ditto		
Kurigram ...		ditto	ditto	64.86	ditto		
Bagdogra ...		ditto	ditto	80.28	ditto		
RAJSHAHYE.	Bogra ...	ditto	ditto	24.08	ditto ...	Not recorded 3rd June to 3rd November.	
	Bogra ...	ditto	ditto	75.04	ditto		
	Sherpore ...	ditto	ditto	78.05	ditto		
	Nowkhilla ...	ditto	ditto	75.43	ditto		
	Panchabibi ...	ditto	ditto	54.88	ditto		
	Haluiya ...	ditto	ditto	64.61	ditto ...	Not recorded 9th to 15th September.	
	Pubna ...	ditto	ditto				
	Pubna ...	ditto	ditto	98.30	ditto		
	Serajungunge ...	ditto	ditto	78.34	ditto		
	Darjeeling ...	Darjeeling { Telegraph Office Hospital	ditto	ditto	95.99	ditto	
Julpigoree ...	Julpigoree ...	ditto	ditto	105.04	ditto		
	Bodah ...	ditto	ditto	94.20	ditto		
	Buxa—Civil Surgeon's Office	ditto	ditto	96.96	ditto		
	Titalya ...	ditto	ditto	185.38	ditto		
COOCH BEHAR.	Cooch Behar Tribu- tary States.	Cooch Behar ...	ditto	ditto	86.08	ditto	
					107.38	ditto	

DIVISIONS.	DISTRICTS.	STATIONS.	Rain from 11th Nov. to 17th Nov. 1877.	Rain from 18th Nov. to 24th Nov. 1877.	RAIN FROM 1ST JANUARY 1877.		REMARKS	
					Inches.	Up to date.		
BENGAL—continued.								
Dacca.	EASTERN DISTRICTS.		Inches.	Inches.	1877.			
		Dacca ... {	Dacca... { Telegraph Office...	Nil	Nil	85.13	24th Nov.	
			Dacca... { Hospital ...	ditto	ditto	87.96	ditto	
		Moonsheegunge ...	Moonsheegunge ...	ditto	ditto	125.78	ditto	
			Manickgunge ...	ditto	ditto	80.16	ditto	
		Furreedpore ... {	Furreedpore ...	ditto	ditto	96.36	ditto	
			Goalundo ...	ditto	ditto	88.36	ditto	
			Madaripore ...	ditto	ditto	90.11	ditto	
		Backergunge ... {	Burrisal ...	ditto	ditto	88.01	ditto	
			Perozepore ...	ditto	ditto	94.38	ditto	
			Patoakhally ...	ditto	ditto	104.31	ditto	
			Bhola ...	ditto	ditto	95.82	ditto ...	From 4th February.
		Mymensingh ... {	Mymensingh ...	ditto	ditto	114.48	ditto	
			Jamalpore ...	ditto	ditto	88.84	ditto	
			Atia ...	ditto	ditto	88.65	ditto	
			Kishoregunge ...	ditto	ditto	95.08	ditto	
CHITTAGONG.	CHITTAGONG.	Chittagong {	Chittagong { Telegraph Office	ditto	ditto	111.90	ditto	
			Chittagong { Jail ...	ditto	ditto	124.98	ditto	
			Cox's Bazar ...	ditto	ditto	148.62	ditto	
		Noakholly ... {	Noakholly ...	ditto	ditto	122.47	ditto	
			Fenny ...	ditto	ditto	128.67	ditto	
		Tipperah ... {	Comillah ...	ditto	ditto	103.70	ditto	
			Brahmunbariah ...	ditto	ditto	91.29	ditto	
Chittagong Hill Tracts.	Rangamatee Hill...	ditto	ditto	133.06	ditto			
Hill Tipperah ...	Hill Tipperah ...	ditto	ditto	83.65	ditto			
BEHAR.								
PATNA.	PATNA.	Patna ... {	Patna ...	ditto	ditto	31.12	ditto	
			Behar ...	ditto	ditto	43.24	ditto	
			Barh ...	ditto	ditto	40.19	ditto	
			Dinapore ... {	Dinapore ... { Jail ...	Not reed.	Not reed.	21.42	3rd Nov.
		Gya ... {	Dinapore ... { Cantonment...	Nil	Nil	23.18	24th Nov.	
			Gya ...	ditto	ditto	43.61	ditto	
			Nowadah ...	ditto	ditto	45.71	ditto ...	Not recorded 18th to 24th September.
			Aurangabad ...	ditto	Not reed.	27.95	17th Nov.	
		Shahabad ... {	Jehanabad ...	ditto	Nil	26.73	24th Nov.	Not recorded 12th January and 4th to 10th February.
			Arrah ...	ditto	ditto	28.37	ditto	
			Sasseram ...	ditto	ditto	26.69	ditto	
			Buxar ...	ditto	ditto	22.20	ditto	
		Mozufferpore ... {	Bhuboah ...	ditto	ditto	26.69	ditto ...	Not received 19th to 25th August.
			Mozufferpore ...	Not reed.	Not reed.	27.38	27th Oct.	
			Hajepore ...	ditto	ditto	40.35	ditto	
			Seetampurhee ...	ditto	ditto	34.37	ditto	
		Durbhunga ... {	Durbhunga ...	Nil	ditto	53.34	24th Nov.	
			Mudhoobunnee ...	ditto	ditto	48.49	ditto	
			Tajpore ...	ditto	ditto	32.14	ditto	
		Sarun ... {	Chupra ...	ditto	ditto	26.69	ditto	
			Sewan ...	ditto	ditto	31.38	ditto	
		Chumparan ... {	Motiharee ...	ditto	ditto	27.31	ditto	
			Bettiah ...	ditto	ditto	35.41	ditto	
			Segowlie ...	ditto	ditto	37.28	ditto	
Monghyr ... {	Monghyr ...	ditto	ditto	39.46	ditto			
	Begoeserai ...	ditto	ditto	33.05	ditto			
	Jamrooe ...	ditto	ditto	33.77	ditto			
Bhagulpore ... {	Bhagulpore ...	ditto	ditto	51.05	ditto			
	Soopool ...	ditto	ditto	44.31	ditto			
	Muddehpooora ...	ditto	ditto	50.59	ditto			
	Banka ...	ditto	ditto	45.10	ditto			
	Sonbursa ...	ditto	ditto	40.40	ditto			
Purneah ... {	Purneah ...	ditto	ditto	55.33	ditto			
	Kissengunge ...	ditto	ditto	65.84	ditto			
	Arrareah ...	ditto	ditto	60.95	ditto			
BHAGULPORE.	BHAGULPORE.	Nya Doomka ...	ditto	ditto	63.13	ditto		
		Rajmehal ...	ditto	ditto	55.30	ditto		
		Deoghur ...	ditto	ditto	55.24	ditto		
		Godda ...	ditto	ditto	43.77	ditto		

DIVISIONS.	DISTRICTS.	STATIONS.	Rain from 11th to 17th Nov. 1877.	Rain from 18th to 24th Nov. 1877.	RAIN FROM 1ST JANUARY 1877.		REMARKS.
					Inches.	Up to date.	
ORISSA.	Cuttack	Cuttack... { Telegraph Office	Nil	Nil	38'40	24th Nov.	
		... { Hospital	ditto	ditto	41'13	ditto	
		Jajpore	ditto	ditto	53'55	ditto	
		Kendraparah	ditto	ditto	50'63	ditto	
		Jagatsingapore	ditto	ditto	37'45	ditto	
	Pooree	False Point	ditto	1'00	80'20	ditto	
		Pooree	ditto	Nil	35'15	ditto	
		Khyrdah	ditto	ditto	42'67	ditto	
	Balasore	Balasore—Collector's Office	ditto	ditto	66'72	ditto	
		Bhadrack	ditto	ditto	55'81	ditto	
		Jellasore	ditto	ditto	65'91	ditto	
		Sorah	ditto	ditto	54'83	ditto	
		Chandbally	ditto	ditto	54'34	ditto	
	Cuttack Tributary Mehals.	Sumbalpor	ditto	Not recd.	66'74	17th Nov.	
	CHOTA NAGPORE.						
	SOUTH-WESTERN FRONTIER AGENCY.						
	Hazareebagh	Hazareebagh... { Jail	ditto	Nil	44'45	24th Nov.	
		... { Dispensary	ditto	ditto	46'13	ditto	
	Lohardugga	Pachamba	ditto	ditto	45'07	ditto	
		Ranchee	ditto	ditto	58'31	ditto	
	Singbhoom	Palamow	ditto	ditto	49'13	ditto	
		Chyebassa	ditto	ditto	67'47	ditto	
	Manbhoom	Purulia	ditto	ditto	61'37	ditto	
		Govindpore	ditto	ditto	47'12	ditto	
	ASSAM & ADJACENT HILLS.						
	Sylhet	Sylhet	ditto	Not recd.	156'55	17th Nov.	
	Sibsagar	Sibsagar	ditto	ditto	88'58	ditto	
		Golaghat	ditto	ditto	71'77	ditto	
		Jorhat	ditto	ditto	71'69	ditto	
		Deopanie	ditto	ditto	81'35	ditto	
		Hattie Pootie	ditto	ditto	76'74	ditto	
		Mazengah	ditto	ditto	61'51	ditto	
		Nazira	ditto	ditto	65'10	ditto	
		Suntock	ditto	ditto	82'25	ditto	
		Cherideo	ditto	ditto	76'03	ditto	
		Akyab	ditto	Nil	141'41	24th Nov.	
	Rajpootana	Alwar	ditto	0'10	3'15	ditto	
		Jaipur	ditto	0'14	9'64	ditto	
		Sambhar	ditto	0'35	9'20	ditto	

CALCUTTA,
The 1st December 1877.

JOHN ELIOT, M.A.,
Meteorological Reporter to the Govt. of Bengal.

Meteorological Telegraphic Report for the period 25th Nov. to 1st Dec. 1877.

STATIONS.	Date.	Hour.	Barometer reduced to 32°.	Barometer reduced to sea-level.	HYGROMETER.		Humidity Sat. = 100.	WIND.		Rain.	Clouds.	Weather initials.
					Dry.	Wet.		Direction.	Velocity.			
ALIPORE.	Nov. 25th	10	30.046	30.068	79.8	70.5	61	S E by S	1.8	.....	CK	c
	16	29.931	29.953	81.1	70.1	56	N W	3.5	.....	CK, K	c	
	26th	10	30.053	30.075	80.0	72.0	66	S W	2.5	.....	.....	b
	16	29.917	29.939	84.3	71.6	52	W by N	4.2	.....	K	.....	c
	27th	10	30.009	30.031	80.0	73.8	73	S W	9.5	.....	.....	b
	16	29.873	29.894	86.0	71.7	47	S W by S	4.8	.....	.....	.....	b
	28th	10	30.013	30.035	80.3	74.0	72	S W	7.3	.....	.....	b
	16	29.902	29.923	85.0	72.5	53	W N W	6.0	.....	K	.....	c
	29th	10	30.019	30.041	79.0	68.7	57	N	4.5	.....	.....	b
	16	29.886	29.908	84.0	70.2	47	N W by W	5.5	.....	.....	.....	b
	30th	10	30.066	30.088	79.7	69.2	57	N W by N	2.5	.....	.....	b
	16	29.927	29.949	84.0	69.2	44	N	4.0	.....	CK	.....	c
Dec. 1st	10	30.077	30.099	75.8	67.0	60	N E	4.8	.....	.....	.....	b
	16	29.945	29.967	82.7	69.0	47	N by W	5.7	.....	C	.....	c
	Nov. 25th	10	30.045	30.051	79	73	74	W N W	3.4	.....	PK	b
SAUGOR ISLAND.	16	29.937	29.943	81	73	67	S S W	5.6	.....	P	.....	b
	26th	10	30.056	30.062	80	69	82	W N W	3.0	.....	K	b, m
	16	29.934	29.948	84	77	72	S S W	7.9	.....	K	.....	b
	27th	10	30.026	30.032	82	76	75	S S W	7.2	.....	FK	b
	16	29.901	29.907	83	76	71	S	9.0	.....	FK	.....	b, v
	28th	10	30.021	30.027	83	78	79	S W	10.7	.....	FK	b
	16	29.922	29.928	84	78	75	S	10.7	.....	K	.....	b, v
	29th	10	30.016	30.022	82	74	67	W	8.5	.....	.....	b
	16	29.905	29.911	86	77	65	S S W	5.1	.....	KS	.....	b, v
	30th	10	30.066	30.072	81	77	83	N W	8.3	.....	PK	b
	16	29.936	29.942	85	76	64	S	7.7	.....	KS	.....	b, v
	Dec. 1st	10	30.064	30.070	81	74	71	N N W	4.5	CK	.....	b, v
16		29.944	29.950	84	74	60	S W	7.0	.....	K	.....	b
Nov. 25th		10	29.980	30.073	78	72	74	N	1.2	.....	C	b, v
CHITAGONG.	26th	10	29.983	30.077	76	72	82	E N E	1.6	.....	C	v
	27th	10	29.940	30.033	79	76	87	CALM	1.5	.....	.....	b, v
	28th	10	29.960	30.053	79	74	78	N W	1.3	.....	K	b, m
	29th	10	29.932	30.025	82	75	71	CALM	2.4	.....	K	o
	30th	10	29.960	30.053	79	74	78	N W	1.3	.....	K	b, m
	Dec. 1st	10	29.990	30.083	79	72	70	N	4.5	.....	.....	m
	Nov. 25th	10	30.032	30.054	78	73	78	E	1.2	.....	C	b
	26th	10	30.065	30.084	77	72	77	N E	1.2	.....	C	.....
	27th	10	30.060	30.072	77	72	77	N N E	1.1	.....	C	.....
	28th	10	30.054	30.076	77	72	77	N E	1.6	.....	C	.....
	29th	10	30.062	30.114	79	74	78	N	2.1	.....	.....	b
	30th	10	30.085	30.107	79	73	74	N N E	2.3	.....	C	.....
AKYAN.	Dec. 1st	10	30.085	30.107	79	73	74	N N E	2.3	.....	C	.....
	Nov. 25th	10	29.983	30.066	81	73	67	N E	0.7	.....	C, CK	c
	26th	10	29.981	30.064	82	74	67	W S W	0.6	.....	CK, C	.....
	27th	10	29.961	30.043	83	75	67	W N W	0.6	.....	CK, C	.....
	28th	10	29.958	30.040	83	74	63	W S W	0.9	.....	.....	b
	29th	10	29.948	30.030	84	71	50	W	1.5	.....	C	c
	30th	10	29.978	30.070	84	70	47	W	1.0	.....	.....	b
	Dec. 1st	10	29.988	30.071	82	69	49	S W	1.2	.....	C	c
	Nov. 25th	10	30.049	30.064	82	73	63	E S W	2.3	.....	C, CS	c
	26th	10	30.070	30.085	82	74	67	W	2.0	.....	C	b
	27th	10	30.029	30.044	81	74	71	W	2.8	.....	C	b
	28th	10	30.030	30.045	82	75	71	W	3.2	.....	C	b
29th	10	30.018	30.033	83	75	67	W S W	4.1	.....	C	b	
30th	10	30.060	30.075	81	75	74	N W	3.3	.....	.....	b	
Dec. 1st	10	30.070	30.085	82	74	67	S W	3.3	.....	C	.....	c
	Nov. 25th	10	30.024	30.056	81	75	74	E by N	2.2	.....	.....	o
	26th	10	30.021	30.053	83	77	75	K by S	1.9	.....	C	.....
VIZAGAPATAM, FALSE POINT.	27th	10	29.999	30.031	83	77	75	E by N	1.8	0.50	C	.....
	28th	10	30.020	30.052	83	75	67	S S E	1.3	.....	.....	b
	29th	10	30.005	30.037	82	74	67	S E by E	1.4	.....	.....	b
	30th	10	30.050	30.082	80	73	70	E S E	1.2	.....	.....	b
	Dec. 1st	10	30.060	30.092	80	73	70	E by N	1.2	.....	.....	b
	Nov. 24th	10	30.024	30.047	81	75	74	N	10	.....	.....	cloudy
	16	29.917	29.940	83	77	75	N by E	13	.....	.....	cloudy	
	25th	10	29.993	30.015	86	78	68	N by E	7	.....	.....	cloudy
	16	29.912	29.934	85	78	72	N E by E	9	.....	.....	c	
	26th	10	30.026	30.048	86	78	68	N E N	10	.....	.....	b, c
	16	29.917	29.940	83	76	71	N E by E	11	.....	.....	b, c	
	27th	10	30.018	30.041	84	76	68	N E	9	.....	.....	c
16	29.899	29.912	84	76	68	E N E	11	.....	.....	b, c		
28th	10	30.016	30.038	85	77	68	N E by N	11	.....	.....	c	
16	29.923	29.946	83	76	71	N E	10	.....	.....	c		
29th	10	30.018	30.041	84	77	72	N N E	10	.....	.....	c	
16	29.918	29.941	82	75	71	N E	7	.....	.....	b, c		
30th	10	30.037	30.060	82	77	79	N N E	8	.....	.....	cloudy	
16	29.918	29.941	84	76	68	N E by N	11	.....	.....	.....	b, c	
COLOMBO.	Nov. 25th	10	29.953	29.994	82	77	79	S E	3.8	0.40	C	c
	26th	10	29.938	29.979	84	78	75	S W	2.6	.....	C	.....
	27th	10	29.933	29.974	81	76	78	N	1.9	0.30	C	.....
	28th	10	29.948	29.989	79	76	87	S E	1.7	0.80	.....	o, r
	29th	10	29.956	29.997	80	76	82	S S E	4.1	0.50	C	.....
	30th	10	29.960	30.001	83	77	75	N W	1.2	0.50	C	.....
	Dec. 1st	10	29.953	29.994	81	77	82	S	1.4	3.00	C	.....

* Velocity of wind in miles per hour.

Results of the Meteorological Observations taken at the Alipore Observatory from
25th November to 1st December 1877.

Month	Date.	Maximum in sun.	Mean pressure; barometer at 32° Fah.	TEMPERATURE.				HYGROMETRY.				WIND.		Rain.	WEATHER.
				Mean.	Maximum.	Range.	Minimum.	Mean wet bulb.	Vapour tension.	Dew point.	Humidity.	Prevailing direction.	Miles recorded.		
1877.		☉	Inches	☉	☉	☉	☉	☉	Inch.	☉	%			Inches.	
Nov.	25th	147.3	29.988	73.1	82.9	18.2	64.7	68.1	0.621	65.1	76	Till 7 A.M. E by S through N E; till 1 P.M. S W by W through S E and S; till mid-night N W through W.	55	Nil	Partially cloudy till 4 P.M., evening and night clear, f & w.
"	26th	140.9	.976	74.6	84.6	20.8	63.8	70.0	.674	67.5	79	Till 1 P.M. S through W and S W; till 9½ P.M. W by N through S, W; till mid-night S W through W.	75	"	Chiefly clear, f & w.
"	27th	141.8	.934	75.8	85.9	19.9	66.0	71.3	.708	68.9	79	S W and S by W	119	"	Clear, f & w.
"	28th	140.8	.946	76.7	86.0	18.1	69.9	72.4	.740	70.2	80	S by W and W by N.	116	"	Chiefly clear & w.
"	29th	140.6	.953	74.9	85.1	15.8	69.3	69.0	.630	66.5	72	Till 4 A.M. S W by S through W; till noon N by E through W and N W; till mid-night N through N W.	90	"	Clear, f & w.
"	30th	139.2	.995	74.4	84.7	17.7	67.0	68.2	.611	64.6	72	Till 11 A.M. N E by N through N W and N; till mid-night N by W through N.	85	"	Chiefly clear, f & w.
Dec.	1st	137.2	30.007	73.4	83.7	17.8	65.9	66.3	.554	61.8	67	Till 11 A.M. N E through N; till mid-night N by W through N.	93	"	Partially cloudy till 4 P.M., evening and night clear & w.

Inches.

The mean pressure of the seven days ...

The average pressure of the corresponding period for 20 years ...

29.971

30.007

The mean temperature of the seven days ...

The average temperature of the corresponding period for 20 years ...

☉

74.7

71.4

The extreme variation of temperature during the seven days ...

22.2

The maximum temperature during the seven days ...

86.0

The mean relative humidity during the seven days ...

75

The average relative humidity of the corresponding period for 24 years ...

71

Inches.

The total fall of rain from 25th November to 1st December ...

Nil.

The average fall of the corresponding period for 24 years ...

Nil.

The total fall from 1st January to 1st December ...

61.11

The average fall of the corresponding period for 24 years ...

65.51

The mean pressure, temperature, &c., are deduced from observations made at 6h., 10h., 16h., and 22h.; the maximum and minimum temperatures are obtained from self-registering thermometers. All the thermometers are verified, and the readings have been corrected to a standard constructed and verified at the Kew Observatory. They are exposed under a thatched shed open at the sides, and are suspended four feet above the ground.

The barometer readings are corrected approximately to those of the standard (Newman's No. 86) formerly at the Surveyor-General's Office.

The hygrometric elements are obtained from tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modifications of August's formula.

The direction and movement of the wind are taken from the trace of a Beckley's anemograph.

The mouth of the rain-gauge is one foot above the ground.

f foggy, w dew.

HENRY F. BLANFORD,

Meteorological Reporter to the Government of India.

METEOROLOGICAL OFFICE, INDIA,

The 3rd December 1877.

Reports of Fluctuation of Traffic on the Eastern Bengal Railway for the Month of October 1877.

EASTERN BENGL RAILWAY COMPANY, TRAFFIC SUPERINTENDENT'S OFFICE.

Report on the Traffic for the four weeks ending the 27th October 1877.

Dated Calcutta, the 24th November 1877.

From—WILLIAM INNES, Esq., Deputy Traffic Superintendent,

To—The Agent, Eastern Bengal Railway, Scaldah.

THE quantity of goods carried during this period amounted to 8,21,840 maunds as compared with 7,05,052 maunds carried during the same period of last year, shewing an increase of 1,16,788 maunds.

This increase was chiefly composed of the following staples, viz.—

Bundles and bales of cotton, grain including rice, bundles and bales of hides, jute drums, piece-goods, twist and miscellaneous goods.

The staples showing the largest decreases are bales of gunny, bales of jute, railway material foreign, salt, seeds, sugar, tea, tobacco and turmeric.

Increases.

Bundles and bales, cotton ... Mds. 552 Bds. 1,256
The increase of the above staple is owing to the larger import of cotton from the Eastern districts, and to the increased quantity of raw material sent to the Dunbar Cotton Mills, Shammagar, for manufacture.

Grain, including rice ... Mds. 1,13,476
This increase is attributable to the additional quantities brought down for export before the stoppage of export to the famine districts.

Bundles and bales of Hides ... Mds. 40,814 Bales 761
This increase is owing to a greater demand in the market, which fluctuates.

Jute drums ... Mds. 80,804
This small increase is, I regret to say, more than counterbalanced by the decrease in bales, which is 84,804 maunds.

Piece-goods ... Mds. 5,858
This article again shows a very satisfactory increase.

Twist ... Mds. 938
This shows a smaller increase than last month which is still however satisfactory, and owing to the twist manufactured at the Shammagar mills being brought down for export.

Miscellaneous goods ... Mds. 18,990
The increase in these goods still continues to be satisfactory.

Decreases.

Gunny bales ... Mds. 3,464
This staple, which is of the Serajganj Jute Mills manufacture for export, shows a large decrease this month partly counteracted by an increase of 1,791 maunds in the quantity of bundles of gunny carried.

Jute, bales ... Mds. 84,246
This is a large decrease which, with the 80,804 maunds increase of jute drums, shows an actual decrease of 3,442 of this staple owing to the depressed state of the market.

Railway material, foreign ... Mds. 12,955
This decrease is owing to smaller quantities of material for the Northern Bengal State Railway having been despatched.

Salt ... Mds. 10,925
This still shows a decrease, but the quantities lately despatched continue to improve rapidly.

Sugar ... Mds. 9,990
This shows a large decrease owing to there being little or none in the manufacturing districts to forward.

Tobacco and turmeric ... Mds. 8,733 5,973
These staples shew still a large decrease owing to there being little demand for them in the market.
I attach the usual statement showing the increases and decreases of the principal staples.

EASTERN BENGL RAILWAY.

Statement shewing Increases and Decreases in maundage of staples carried over the line for the four weeks ending the 27th October 1877, as compared with the corresponding period of 1876.

STAPLES.	1876.		1877.		1876.	1877.	Increase.	Decrease.
	Up.	Down.	Up.	Down.	Total.	Total.		
Ale, ...	678	.....	723	.....	678	723	45	.....
Cotton, bundles of ...	238	16	21	785	254	806	552	.....
Ditto, bales of ...	284	121	1,661	.....	405	1,861	1,256	.....
Grain, including rice ...	1,090	8,990	3,378	1,20,178	10,080	1,23,556	1,13,476	.....
Gunny, bundles of ...	182	1,324	1,435	1,862	1,606	3,297	1,791	.....
Ditto, bales of ...	133	7,374	.....	4,043	7,507	4,043	.....	3,464
Hides, bundles of ...	41	7,395	15	48,235	7,436	48,250	40,814	.....
Ditto, bales of ...	.....	.....	.....	761	.....	761	761	.....
Jute, drums of ...	3,646	3,52,799	3,372	4,33,877	3,56,445	4,37,249	80,804	.....
Ditto, bales of ...	1,036	1,45,785	.....	62,575	1,46,821	62,575	.....	84,246
Piece-goods ...	10,622	60	25,436	104	19,682	25,540	5,858	.....
Railway material, foreign ...	26,078	4,622	17,745	.....	30,700	17,745	.....	12,955
Salt ...	33,526	.....	22,801	.....	33,526	22,601	.....	10,925
Seeds ...	1,992	17,741	1,412	7,513	19,733	8,925	.....	10,808
Sugar ...	235	10,669	211	703	10,904	914	.....	9,990
Tea ...	4	1,701	8	294	1,705	302	.....	1,403
Tobacco ...	120	22,819	265	13,041	22,939	14,206	.....	8,733
Turmeric ...	.....	8,763	.....	2,780	8,763	2,780	.....	5,973
Twist ...	4,158	893	4,843	1,082	4,987	5,925	938	.....
All other goods ...	12,438	8,503	29,455	10,526	20,991	39,981	18,990	.....
Total ...	1,05,561	5,99,501	1,12,581	7,09,259	7,05,052	8,21,840	2,65,285	1,48,497
						7,05,052	1,48,497	
Increase ...	.....	.....	.....	.....	.....	1,16,788	1,16,788	.....

Weekly Return of Traffic Receipts on Indian Railways.

EAST INDIAN RAILWAY—MAIN LINE.

Approximate Return of Traffic for week ended 24th November 1877 on 1,279½ miles open.

	COACHING TRAFFIC.				MERCHANDISE AND MINERAL TRAFFIC.				TOTAL TRAFFIC RECEIPTS.	TRAIN MILES RUN.		
	No. of passengers.	Coaching receipts.			Weight carried.	Receipts.				Coaching.	Merchandise.	Total.
		Rs. A. P.	£ s. d.	Mds. s.		Rs. A. P.	£ s. d.	Rs. A. P.				
Total traffic for the week ...	146,937	2,25,543 13 6	20,674 17 0	13,91,742 10		5,40,653 2 6	50,385 6 8	7,75,202 0 0	47,041½	108,665		155,726½
Or per mile of railway ...	.....	176 3 10	16 3 1	.....		429 8 1	39 7 5	605 11 11	.....	.....		.....
For previous 20 weeks of half-year ...	2,577,382	33,26,968 5 5	304,972 2 0	2,59,12,750 30		1,00,93,900 10 5	925,274 4 6	1,34,20,868 15 10	893,264½	2,065,808½		2,959,073½
Total for 21 weeks ...	2,724,319	35,52,512 2 11	325,646 19 0	2,73,04,493 0		1,06,45,558 12 11	975,659 11 2	1,41,96,070 15 10	940,306½	2,174,473½		3,114,780½
COMPARISON.												
Total for corresponding week of previous year ...	116,364	1,96,286 8 7	17,992 18 8	12,79,980 20		5,39,818 5 3	49,483 6 11	7,36,104 13 10	45,988	96,148		142,136
Per mile of railway, corresponding week of previous year ...	.....	153 6 1	14 1½	.....		421 13 0	38 13 4	575 3 1	.....	.....		.....
Total to corresponding date of previous year ...	2,399,256½	31,55,575 14 0	289,536 2 5	1,83,91,445 20		81,76,301 4 3	749,494 5 8	1,13,34,877 2 3	914,390	1,512,772		2,427,162

EAST INDIAN RAILWAY—JUBBULPORE LINE.

Approximate Return of Traffic for week ended 24th November 1877 on 223½ miles open.

		Rs. A. P.	£ s. d.	Mds. s.		Rs. A. P.	£ s. d.	Rs. A. P.				
Total traffic for the week ...	7,082½	24,141 14 6	2,213 0 2	1,29,836 10		32,272 12 0	2,958 6 8	56,414 10 6	4,980	8,074½		13,054½
Or per mile of railway ...	.....	107 14 4	9 17 10	.....		144 3 9	13 4 5	252 2 1	.....	.....		.....
For previous 20 weeks of half-year ...	124,603½	3,15,690 14 7	28,938 6 8	41,85,493 30		10,23,129 3 6	93,786 16 11	13,38,820 2 1	94,342½	275,165		369,507½
Total for 21 weeks ...	131,686	3,39,832 13 1	31,151 6 10	43,15,330 0		10,55,401 15 6	96,746 3 7	13,95,234 12 7	99,322½	283,239½		382,561½
COMPARISON.												
Total for corresponding week of previous year ...	7,328	30,825 12 3	2,825 13 11	2,42,314 30		61,455 1 6	5,633 7 8	92,280 13 9	5,409	18,514		23,923
Per mile of railway, corresponding week of previous year ...	.....	137 11 3	12 12 7	.....		274 10 7	25 3 6	412 6 10	.....	.....		.....
Total to corresponding date of previous year ...	106,720½	3,05,264 10 9	27,982 11 11	18,89,148 0		4,80,770 10 6	44,070 12 11	7,86,035 5 3	97,158	121,950		219,108

EASTERN BENGAL RAILWAY.

Approximate Return of Traffic for week ended 24th November 1877 on 158½ miles open.

	COACHING TRAFFIC.				MERCHANDISE AND MINERAL TRAFFIC.				Total Receipts.
	Number of passengers.	Coaching receipts.			Weight carried.	Receipts.			
		Rs. A. P.	£ s. d.	Mds. s.		Rs. A. P.	£ s. d.	£ s. d.	
Total traffic for the week ...	48,780½	30,973 7 9	2,839 4 9	1,15,985 27		47,930 0 9	4,393 11 9	7,232 16	
Or per mile of railway ...	308	195 11 7	17 18 10	732 37		302 14 0	27 15 3	45 14	
For previous 20 weeks of half-year ...	715,798	4,63,371 12 3	42,475 14 8	55,14,330 33		16,20,986 10 9	1,48,599 8 9	1,91,066 1	
Total for 21 weeks ...	764,488½	4,94,345 4 0	45,314 19 5	56,30,316 20		16,65,916 11 6	1,52,984 0 6	1,98,298 19½	
COMPARISON.									
Total for corresponding week of previous year ...	38,543½	22,456 10 10	2,058 10 6	1,92,946 7		39,076 6 11	3,637 0 2	5,695 10	
Per mile of railway, corresponding week of previous year ...	244	141 14 6	13 0 2	1,219 10		250 11 6	22 19 8	35 19	
Total to corresponding date of previous year ...	701,248½	4,32,578 4 0	39,653 0 2	44,34,479 11		11,17,505 12 8	1,02,447 3 10	1,42,100 4	

CALCUTTA AND SOUTH-EASTERN STATE RAILWAY.

Approximate Return of Traffic for week ended 24th November 1877 on 28 miles open.

		Rs. A. P.	£ s. d.	Mds. s.		Rs. A. P.	£ s. d.	£ s. d.	
Total traffic for the week ...	9,987	1,714 0 0	171 8 0	15,572 0		519 0 0	51 18 0	22½	
Or per mile of railway ...	356	61 0 0	6 2 0	556 0		18 8 0	1 17 0	45 14	
For previous 20 weeks of half-year ...	186,395	27,769 0 0	2,776 18 0	2,64,884 0		8,748 0 0	874 16 0	5,651 14	
Total for 21 weeks ...	196,382	29,483 0 0	2,948 6 0	2,80,456 0		9,267 0 0	926 14 0	5,876 8	
COMPARISON.									
Total for corresponding week of previous year ...	9,489½	1,314 14 3	131 9 9	15,528 0		498 2 9	49 16 4	181 4	
Per mile of railway, corresponding week of previous year ...	338	46 15 4	4 13 11	547 0		17 12 8	1 15 7	6 9	
Total to corresponding date of previous year ...	187,703½	25,112 3 0	2,511 4 4	2,71,454 24		8,674 11 9	867 9 4	3,375 13	

NULHATI STATE RAILWAY.

Approximate Return of Traffic for week ended 24th November 1877 on 27½ miles open.

		Rs. A. P.	£ s. d.	Mds. s.		Rs. A. P.	£ s. d.	£ s. d.	
Total traffic for the week ...	2,247	1,026 0 0	102 12 0	6,680 0		536 0 0	53 12 0	156 4	
Or per mile of railway ...	82	37 8 0	3 15 0	245 0		19 8 0	1 19 0	5 14	
For previous 20 weeks of half-year ...	42,223	20,946 0 0	2,004 12 0	1,36,313 0		10,918 0 0	1,091 16 0	3,996 4	
Total for 21 weeks ...	44,470	21,972 0 0	2,107 4 0	1,42,993 0		11,454 0 0	1,146 8 0	3,252 13	
COMPARISON.									
Total for corresponding week of previous year ...	1,779½	823 1 0	82 6 2	4,270 0		365 0 0	36 10 0	116 10	
Per mile of railway, corresponding week of previous year ...	65	30 3 3	3 0 5	156 28		13 6 4	1 6 10	4 5	
Total to corresponding date of previous year ...	38,442	18,337 7 4	1,833 14 11	79,628 14		7,510 6 3	751 0 10	2,684 10	

TIRHOOT STATE RAILWAY.

Approximate Return of Traffic for the week ended 24th November 1877 on 79 miles open.

	COACHING TRAFFIC.			MERCHANDISE AND MINERAL TRAFFIC.			* Total receipts.
	Number of passengers.	Coaching receipts.		Weight carried.	Receipts.		
		Rs. A. P.	£ s. d.	Mds. s.	Rs. A. P.	£ s. d.	£ s. d.
Total traffic for the week	10,484½	5,160 6 3	516 0 10	15,595 0	1,585 1 0	158 10 1	674 10 11
Or per mile of railway	133	65 4 0	6 10 3	197 20	20 1 0	2 0 0	8 10 3
For previous 20 weeks of half-year	139,727	59,310 5 0	5,931 0 6	4,22,203 0	41,765 4 6	4,176 10 7	*10,107 11 1
Total of 21 weeks	150,211½	64,470 11 3	6,447 1 4	4,37,798 0	43,350 5 6	4,335 0 8	10,782 2 0
COMPARISON.							
Total for corresponding week of previous year, opened 46½ miles							
Per mile of railway corresponding week of previous year	2,261½	833 0 9	83 6 0	9,514 20	747 10 0	74 15 3	158 1 3
Total to corresponding date of previous year...	49	17 14 0	1 15 9	205 0	16 2 0	1 12 3	3 8 0
	52,621½	22,031 2 3	2,203 2 4	4,21,800 0	28,741 1 6	2,874 2 2	5,077 4 6